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OLD S' Catalog

1923

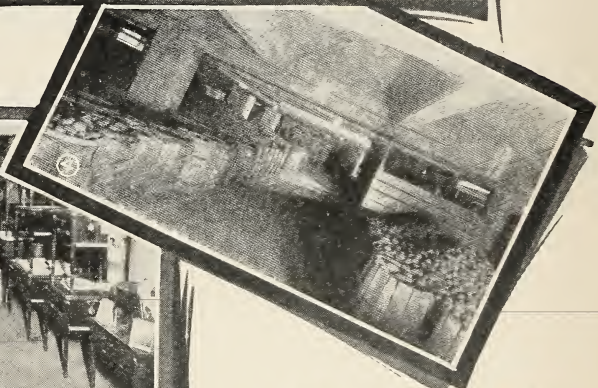
36TH Year

Seeds-Bulbs
Plants
Seed Potatoes

Garden Tools
Poultry Supplies
Insecticides

Cold Resistant
Golden Glow Corn
(See Page 11)

Olds' Catalog Tells The Truth
Farm and Garden Seeds
L.L. Olds Seed Company—Madison, Wis.



1. The Olds Building, Madison.
2. Part of Our Working Force.
3. The Local Store.
4. View in the Potato Cellar.
5. Section One Field Seed Floor.

MANAGER'S PERSONAL GREETING.

Madison, Wis., Jan. 1, 1923.

Dear Friends and Customers:

Thank you again for your continued patronage. Some of you have been with us many years. Others will begin this year. I want you all to know that we appreciate your orders and assure you that we are going to do our utmost to not only furnish the best seeds obtainable but to put some real service into all our business transactions.

We value very highly our membership in the American Seed Trade Association, an organization which stands for "business integrity, purity of stocks, honesty of representation, carefulness of obligation, and promptness in execution." I have been a member of this Association for 23 years and last year was honored with the office of President.

Good Seeds are of Vital Importance. If you want real success with your farm crops and with your garden you must start right. Secure the best seeds obtainable and of the varieties best adapted to your conditions. If by buying new seed grain of improved varieties you increase your yield only five bushels per acre you have made a good investment. And if by planting our live, tested garden seeds you have a really successful garden how much better that is than taking chances on cheap seeds or Congressional seeds.

This Catalog is Written with Great Care. Our purpose in writing has been to make it not only truthful and accurate but a real guide and help to the man who is trying to decide what to plant. There are no colored pictures but the illustrations are direct from photographs and are true to life. The descriptions we believe are correct and give the varietal characteristics and differences as we know them. I hope you will like the catalog.

Quality Versus Prices. We have tried to make the prices as low as possible and still maintain high quality, but quality and hardiness and adaptability have been our first considerations and not price. It is the poorest kind of policy to plant cheap seeds. Buy the best you can find and always of a firm you have confidence in.

Change in Prices. It is impossible to anticipate in advance all our requirements in some staple items or to foresee market changes. Accordingly we reserve the right to change the prices of Field Seeds if necessary after Feb. 1st. Beginning with that date we issue a weekly price list of Field Seeds giving the prices in effect each week. These price lists are furnished on application and inserted in catalogs mailed after Feb. 1st. The prices on Garden Seeds will remain throughout the season as given.

1923 a Good Year for Farmers. Conditions with the farmer have improved decidedly in the past year. Practically everything that he has to sell except potatoes are higher, some things much higher, crops have been fine and freight rates have been reduced somewhat. The coming year ought to be a good one. We are determined to do all we can to help make it so by furnishing the best seeds at the lowest prices possible.

Yours for a prosperous year,
L. L. Olds, President & General Manager,
L. L. OLDS SEED COMPANY.

GENERAL ARRANGEMENT OF THIS CATALOG

(Complete Index on Page 96.)

VEGETABLE AND PLANT NOVELTIES. Pages 2 and 3. A few of the newest and most valuable varieties and strains.

CLOVER AND ALFALFA. Pages 4-7. American grain seed, the best obtainable, of Medium and Mammoth Clover, Alsike, Sweet Clover, including Hubam and Grundy County Special, Grimm and Common Alfalfa. Samples free. **TIMOTHY AND OTHER GRASSES, LAWN GRASS.** Pages 8 and 9. Our Timothy Seed is Wisconsin and Minnesota grown. Ask for samples. We offer the best grades of Red Top, Kentucky Blue Grass and other grasses and specialize in high grade Lawn Mixtures.

SEED CORN. Pages 10-14. Adapted varieties, the finest stock ever offered.

SEED OATS. Pages 15-17. The Wisconsin Pedigree varieties are the best varieties of oats. We have splendid stock to offer of those and of others, including Iowa and Iowa 103.

SEED BARLEY, SPELTZ, WHEAT, RYE AND BUCKWHEAT. Pages 18-21. The best for the north of all the different small grains.

SOY BEANS, MILLET, RAPE, SUDAN GRASS. Pages 22-25. Everything in the line of Forage Plants.

SEED POTATOES. Pages 26-29. Choice Seed Potatoes have been our specialty from the start 36 years ago.

VEGETABLE SEEDS. Pages 30-68. A very complete list of all kinds of vegetables. All of our seed is carefully grown and fully tested. No firm has any better Garden Seeds. Do not overlook our "Dollar Collection."

FLOWER SEEDS. Pages 68-76. Nine illustrated pages arranged in alphabetical order of the hardiest and most valuable flowers.

PLANTS, BULBS AND NURSERY STOCK. Pages 77-87. Hardy ornamental shrubs, plants and vines, dahlia, gladioli and other bulbs, vegetable plants, fruit trees and plants.

TOOLS, FERTILIZERS, INSECTICIDES AND POULTRY SUPPLIES. Pages 88-96. A large assortment of farm and garden tools and requisites of all kinds and a full line of poultry feeds and supplies.

INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in the catalog in making out your order and retain a copy of the order. If you have occasion later on to write us about the order give post-office address under which it was mailed. Orders are filed by post offices, so if you give a different post-office address in writing it is difficult for us to find the order.

WE ACKNOWLEDGE ORDERS when received unless the order, or some part of it, is to be sent at once or within a day or so. If any part is mailed right out that answers as an acknowledgment or if goods can be sent at once or very soon by freight or express we send acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

WE SEND LARGE SHIPMENTS BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, Chicago and Northwestern, Chicago, Milwaukee and St. Paul and Illinois Central.

CUSTOMERS PAY TRANSPORTATION CHARGES on all goods unless offered postpaid. Small shipments will be sent by express. There are special express rates on seeds, in the main, 25 per cent less than the merchandise rates.

NO CHARGE FOR PACKING OR CARTAGE. Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office. All express rates have been reduced since the Parcel Post law went into effect.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. QUALITY. We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, purity, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Goods may be returned if not satisfactory.

2. SAFE ARRIVAL. We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping is left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

3. RECEIPT OF MONEY. We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will accept personal checks at face value. They look good to us. Small amounts, less than \$1.00, may usually be sent safely in postage stamps or coin.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1923.

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots, to Points Named Below.

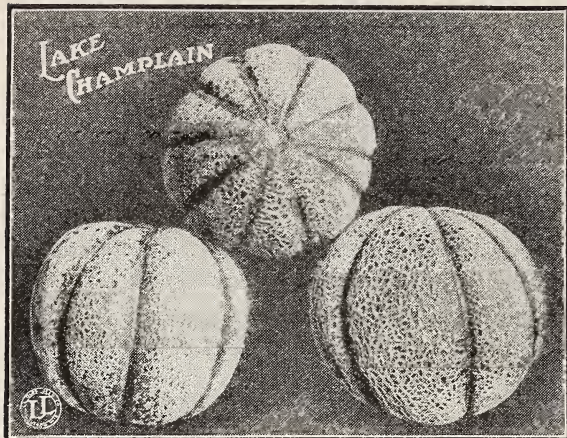
(Potatoes, Garden Seeds, Clovers and Grass Seeds go as third class; Grain, Corn, Poultry Food, etc., fourth class.)

(Rates are 10 per cent less than last year.)

	3rd.	4th.		3rd.	4th.		3rd.	4th.		3rd.	4th.
Antigo, Wis.	\$.048½	\$.036	Wisconsin Rapids, W	.37	.28	Yankton, S. D.	.78	.56½	Oklahoma City, Okla	1.63	1.32½
Ashland, Wis.	.62½	.38½	Aurora, Ill.	.40½	.30	Bismarck, N. D.	1.63	1.17½	Dallas, Texas.	.76½	1.61
Baraboo, Wis.	.22	.16	Bloomington, Ill.	.49	.36½	Fargo, N. D.	1.17½	.82	Fort Worth, Texas.	1.76½	1.61
Beaver Dam, Wis.	.28½	.21	Champaign, Ill.	.53	.39½	Grand Forks, N. D.	1.26½	.90	Houston, Texas.	1.76½	1.61
Beloit, Wis.	.24	.17½	Chicago, Ill.	.40½	.30	Jamestown, N. D.	1.47½	1.05½	San Antonio, Texas.	1.76½	1.61
Chippewa Falls, Wis.	.46½	.34½	Danville, Ill.	.53	.39½	Williston, N. D.	2.06½	1.50½	Denver, Colo.	1.67	1.29½
Clinton, Ia.	.25	.18	Decatur, Ill.	.53	.39	Beatrice, Neb.	.81	.61½	Cheyenne, Wyo.	1.67	1.29½
Dodgeville, Wis.	.24	.17½	Elgin, Ill.	.38	.28½	Fairbury, Neb.	1.06½	.81	Billings, Mont.	2.54	2.04
Eau Claire, Wis.	.45	.34	Freeport, Ill.	.32	.24	Fremont, Neb.	.74½	.55	Helena, Mont.	2.77½	2.23½
Eloy, Wis.	.28½	.21	Galesburg, Ill.	.49	.36½	Hastings, Neb.	1.18	.92½	Miles City, Mont.	2.32½	1.77
Evansville, Wis.	.19½	.15	Jacksonville, Ill.	.54	.40½	Lincoln, Neb.	.74½	.55	Seattle, Wash.	3.67½	3.10½
Fond du Lac, Wis.	.31	.23	Joliet, Ill.	.40½	.30	Omaha, Neb.	.71	.50½	Spokane, Wash.	3.13½	2.63
Ft. Atkinson, Wis.	.23	.17	La Salle, Ill.	.43	.32	Hannibal, Mo.	.56½	.43	Portland, Ore.	3.67½	3.10½
Green Bay, Wis.	.41½	.31	Peoria, Ill.	.50	.37½	Kansas City, Mo.	.69	.48½	Ogden, Utah.	2.77½	2.23½
Janesville, Wis.	.22	.16	Quincy, Ill.	.56½	.42½	St. Joseph, Mo.	.69	.48½	Salt Lake City, Utah	2.77½	2.23½
Jefferson, Wis.	.22	.16	Rockford, Ill.	.39½	.31	St. Louis, Mo.	.69½	.50½	Los Angeles, Cal.	3.67½	3.10½
La Crosse, Wis.	.38	.28½	Rock Island, Ill.	.46	.34½	Springfield, Mo.	.76	.56½	San Francisco, Cal.	3.67½	3.10½
Lake Geneva, Wis.	.36	.27	Springfield, Ill.	.53	.39½	Elkhart, Ind.	.69	.50	New Orleans, La.	1.49½	1.28½
Lake Mills, Wis.	.20½	.15½	Woodstock, Ill.	.34	.25	Fort Wayne, Ind.	.72½	.53½	Phoenix, Ariz.	3.13½	2.63
Lodi, Wis.	.18½	.15	Burlington, Ia.	.52	.39	Indianapolis, Ind.	.76	.56½	Boise, Ida.	3.00	2.48
Lone Rock, Wis.	.23	.17	Cedar Rapids, Ia.	.47½	.35	South Bend, Ind.	.66	.49	Reno, Nev.	3.13½	2.63
Mauston, Wis.	.28½	.21	Clinton, Ia.	.39	.29½	Terre Haute, Ind.	.75½	.56½	Santa Fe, N. M.	2.25	1.87½
Mazomanie, Wis.	.19½	.15	Davenport, Ia.	.46	.34½	Vincennes, Ind.	.80½	.59½	Albany, N. Y.	1.13½	.79½
Middleton, Wis.	.17½	.15	Des Moines, Ia.	.55	.41½	Cleveland, Ohio.	.85	.63	Buffalo, N. Y.	.92	.68
Milwaukee, Wis.	.30½	.22½	Dubuque, Ia.	.41½	.31	Columbus, Ohio.	.84½	.62½	New York, N. Y.	1.18½	.83
Monroe, Wis.	.28½	.20	Fort Dodge, Ia.	.59½	.44½	Dayton, Ohio.	.82	.60	Rochester, N. Y.	.92	.68
Mt. Horeb, Wis.	.19½	.15	Marshalltown, Ia.	.53½	.39½	Toledo, Ohio.	.80½	.59½	Syracuse, N. Y.	.99½	.70
Oshkosh, Wis.	.34	.25½	Ottumwa, Ia.	.50½	.38½	Youngstown, Ohio.	.90	.66	Erie, Pa.	.92	.68
Platteville, Wis.	.31	.23	Shenandoah, Ia.	.69	.48½	Calumet, Mich.	.88	.59½	Harrisburg, Pa.	1.15½	.80
Plymouth, Wis.	.36½	.27½	Sioux City, Ia.	.69	.48½	Detroit, Mich.	.80½	.60½	Philadelphia, Pa.	1.16½	.81
Portage, Wis.	.22	.16	Waterloo, Ia.	.52	.38½	Grand Rapids, Mich.	.74½	.54	Pittsburg, Pa.	.93	.69
Racine, Wis.	.33	.25	Duluth, Minn.	.67	.43	Kalamazoo, Mich.	.72½	.53½	Scranton, Pa.	1.16½	.81
Reedsburg, Wis.	.25	.19	Faribault, Minn.	.61	.39½	Lansing, Mich.	.80½	.59½	Hartford, Conn.	1.23	.86½
Rhinelander, Wis.	.53	.36½	Mankato, Minn.	.65½	.41½	Port Huron, Mich.	.84½	.61	Wilmington, Del.	1.16½	.81
Sheboygan, Wis.	.38	.28½	Red Wing, Minn.	.61	.39½	Saginaw, Mich.	.81½	.59½	Bangor, Me.	1.23	.86½
Sparta, Wis.	.34	.25½	St. Cloud, Minn.	.79	.64	Marquette, Mich.	.61	.43	Concord, N. H.	1.23	.86½
Stevens Point, Wis.	.51	.38½	St. Paul, Minn.	.61	.39½	Atchison, Kans.	.69	.48½	Trenton, N. J.	1.18½	.83
Stoughton, Wis.	.17½	.15	Stillwater, Minn.	.61	.39½	Lawrence, Kans.	.84	.63	Burlington, Vt.	1.23	.86½
Sun Prairie, Wis.	.17½	.15	Winona, Minn.	.50½	.35	Topeka, Kans.	.90	.65½	Boston, Mass.	1.23	.86½
Superior, Wis.	.61	.38	Aberdeen, S. D.	1.02	.76	Wichita, Kans.	1.30½	.99½	Baltimore, Md.	1.15½	.80
Watertown, Wis.	.22	.16	Mitchell, S. D.	.97	.69	Fort Smith, Ark.	1.32½	1.05	Richmond, Va.	1.15½	.80
Waukesha, Wis.	.26½	.20½	Pierre, S. D.	1.21½	.90½	Little Rock, Ark.	1.17½	.91	Wheeling, W. Va.	.93	.69
Wausau, Wis.	.43½	.33	Sioux Falls, S. D.	.71½	.51	Muskogee, Okla.	1.37	1.05½	Memphis, Tenn.	1.29½	1.04½

OLDS' SPECIALTIES AND NOVELTIES

Two pages of new varieties and new selections in vegetables, flowers and fruits for the person who takes pride in his garden.



LAKE CHAMPLAIN.

235. THE NEW EXTRA EARLY MUSKMELON. See illustration. Two years ago we tested, at our trial grounds, every variety of extra early muskmelon we could get hold of. One sort, the **Lake Champlain**, ripened much ahead of the others—not only just one fruit, but the bulk of the melons on the vines. The **Lake Champlain** is a round melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. It is an extraordinarily heavy yielder and the fruits are good size, much larger than the **Rocky Ford** type. Altogether it is an ideal home-garden or nearby market melon. See also page 50. Pkt., 15c; 2 pkts., 25c; oz., 40c; ¼ lb., \$1.45.

241. MILWAUKEE MARKET MUSKMELON.

See page 50, for full description and illustration. A large mid-season melon of high quality, selling at a premium on local markets. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.65.

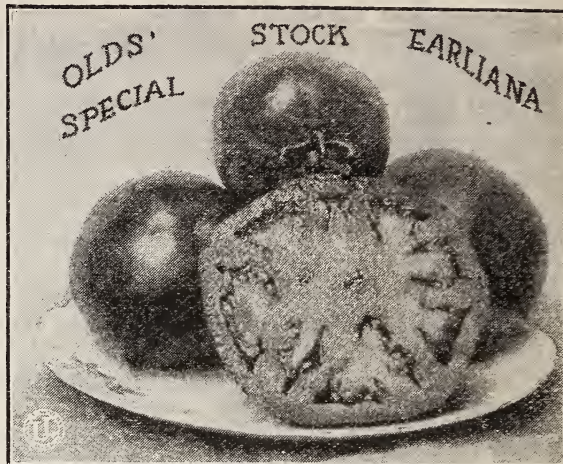
"Olds' Catalog Tells The Truth."



A NEW LETTUCE.

217½. MATCHLESS. See illustration. A new hybrid head lettuce with a unique flavor, sweet and juicy but with just enough of a tang to it, to give it character and make it appetizing. Very brittle, even the outside leaves break like glass. It is often eaten with salt like celery or it may be served with salad dressing. See also page 48. Pkt., 15c; 2 pkts., 25c; oz., 35c; ¼ lb., \$1.15.

Earl E. Monfore, Springfield, S. Dak., writes: "We ordered your Dollar Collection last year and we had the best garden we have ever had."—See back cover page.



NEW EARLIANA TOMATO.

435. OLDS' SPECIAL STOCK. See illustration. An improved strain developed from the **Spark's Earliana** but with better fruit, fully as large and about a week earlier. The tomatoes are smoother than the parent type, also much more solid and meaty, with very few seeds. We believe this is the earliest tomato grown today and the best quality of all early varieties. Carefully selected seed grown on our own farm. See also page 64. Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50.

401½. KING OF DENMARK SPINACH. See illustration page 61. In our trials, this spinach stands longer before shooting to seed than any other sort. It grows vigorously and rapidly, forming compact rosettes of broad, thick slightly crumpled dark green leaves. Pkt. 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

409. OLDS' TABLE QUEEN SQUASH. See illustration, page 66. A new squash of Belgian origin first grown in this country near Des Moines, Iowa. The fruits are small, pointed and deeply ribbed. Ripens a trifle earlier than **Hubbard**, keeps just as well, and when baked surpasses it in sweet dry nut-like richness. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

297½. GIGANTIC GIBRALTAR ONION. See also page 54. The largest, mildest and sweetest of all onions. A fine sort for salads or slicing. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 60c; lb., \$2.10.

135½. EARLY JULY SWEET CORN. See illustration, page 42. Our special extra early. We have tried a lot of them, one year with another, and **Early July** was always ready first. A true sweet corn. Pkt., 15c; 2 pkts., 25c; ¼ lb., 35c; 1½ lbs., 50c.

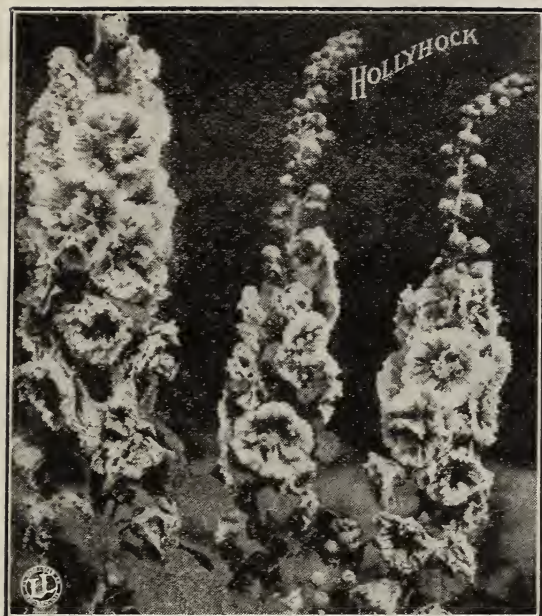
154. OLDS' BLUE BEAUTY POP CORN. See also page 44. The earliest pop corn—can be grown anywhere. The kernels are purest snowy white when popped. They are larger than those of other varieties as well as sweeter, thicker and more crisp—no hard centers. Pkt., 10c; 2 pkts., 15c; lb., 35c.

20½. OLDS' EARLY STRINGLESS WAX BEAN. See illustration page 31. An absolutely stringless extra early round-podded bean. The pods are light lemon yellow, straight, meaty, and brittle, with a delicious buttery flavor when cooked. We are very proud of this variety and consider it the best quality bean ever introduced. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

276½. THE WINTER WATERMELON. See illustration page 53. Ripens almost as soon as **Coles' Early** and the quality is incomparably better. Hard pink flesh, brittle and almost crystalline but sugary and extra sweet. The melons are nearly white in color with hard shells. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 35c; lb., \$1.00.

SWEET POTATO PLANTS.

Sweet potatoes are a new crop in the North, but hundreds of our customers in Wisconsin, Michigan and Minnesota have grown them successfully the last two years for home use—they will mature a good heavy yield three years out of four. We offer plants of the **Yellow Jersey** variety at 12 for 25c; 50 for 80c; 100 for \$1.50, postpaid.



ANNUAL HOLLYHOCKS

1007. EVERBLOOMING. See illustration. A new strain of Hollyhock that will blossom the first season from seed. If seeds are sown in the open ground in May the plants will be in full bloom by August. By starting the plants in the house and transplanting, flowers may be had before July 1st. The spikes grow five to eight feet high, several coming from each plant. The flowers are varied, single, semi-double and double, many of them crinkled and fringed. In color they show every shade to be found in hollyhocks. Pkt., 15c; 2 pkts., 25c.

CALENDULA

866. ORANGE KING. Fine full flowers of rich, glowing orange. Gives a striking effect in beds or borders, particularly bright in late fall. Also thrives well grown as a house plant. Pkt., 10c.

NEW SWEET PEAS

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c. One pkt. each, 25c.

1221 $\frac{1}{2}$. MARGARET ATLEE. See illustration, page 76. A fine Spencer type variety of great size and exquisite form. Ground color is cream overlaid with soft pink but with an amber and salmon suffusion. The flowers sometimes come double.

1226 $\frac{1}{2}$. WEDGEWOOD. Large frilled flowers, four on a stem. The color is a unique and lovely shade of light blue.

1246 $\frac{1}{2}$. HERCULES. Well waved deep pink flowers of heavy substance and largest size, often 2 $\frac{1}{2}$ inches across. A magnificent variety—borne in fours on long wiry stems.

NEW BULBS AND PLANTS

DAHLIA, QUEEN EMMA. A cut flower dahlia of great merit. Fine large peony-type flowers carried on long strong stems. Curled and twisted petals, bright pink in color but tinted amber at the base. The flowers have open centers of golden yellow, adding greatly to their attractiveness. Each, 25c; 6 for \$1.25.

IRIS, SHERWIN WRIGHT. The first good, vigorous growing, free-blooming golden yellow iris. The plants grow two feet high and the flowers stand well above the foliage. They are of heavy texture, rich yellow in color, without markings. Each, 50c; 3 for \$1.40.

GLADIOLUS COLLECTION NO. 25. The gladiolus is the most satisfactory, lowest priced, and easiest grown summer flowering bulb. We offer 9 full blooming size bulbs each of Rich Yellow, Glowing Scarlet, Snowy White and Delicate Pink, together with six of Deep blue or 42 in all for only \$2.00, postpaid. Each color will be wrapped separately and full cultural directions will be included. See pages 77, 78 & 79 for full list of bulbs.



FORSYTHIA OR GOLDEN BELLS. The first flowering shrub to greet the opening spring, the pretty golden bells lining the branches before the leaves appear. See illustration above. Forsythia makes a fine arching growth and the foliage all through the summer is a dark and handsome green. Each, 45c; 3 for \$1.15; 12 for \$4.35.

BUSH HONEYSUCKLE. Intensely fragrant, creamy white or pink blossoms followed by translucent glossy red berries. A rapid growing shrub, effective for foundation planting or backgrounds. Each, 50c; 3 for \$1.25; 12 for \$4.75.



RED CROSS CURRANT. A prolific large berried currant well illustrated above. An extra sweet dessert variety without the acidity of the old time currant and a really delicious fruit for sauce. Good for jelly-making if not allowed to get too ripe. **SPECIAL OFFER.** We have a surplus of four and five year bushes, full bearing size. We offer these at 70c each, 10 for \$6.00, by express. Smaller 2 year old bushes, 35c each, 10 for \$3.25.

OLDS' CLOVERS AND GRASSES



Field of Medium Red Clover in Full Bloom.

OLDS' CLOVER SEED.

Wisconsin Is Again a Leader in Clover Seed of All the States.



Red Clover is the most important single item in all the list of field seeds. High grade, re-cleaned Clover seed is perhaps our greatest specialty. There is no better clover seed than Wisconsin seed and Wisconsin is usually a head of all other states in amount of clover seed produced. Wisconsin's total clover crop the past season according to the Government report was 229,000 bushels and only two states surpassed us, Illinois with 315,000 bushels and Michigan with 240,000 bushels.

The total for the entire United States was only 1,875,000 bushels.

We have a little more clover seed in this country than last year according to the Government estimate, which is probably high, but there was no carry over of old seed and there is no prospect this year of any more seed being imported from Europe. It looks, therefore, as if there would not be enough seed to meet the demand. Our advice is buy early. Do not wait. Prices now are reasonable. They are pretty sure to be higher.

We use the utmost care in buying to keep clear of seed containing buckhorn and dodder. These two noxious weeds are very common in clover. We never handle European seed. It is pretty sure to contain buckhorn and dodder and much of it is not adapted to our conditions anyway. Right here we want to warn our customers against buying clover seed that has not been tested. Fortunately for the farmers we have a very stringent seed law here in Wisconsin.

Do not buy cheap untested clover seed. It is the worst kind of folly. You can do untold damage to your farm in a single season. Buy Olds' tested re-cleaned northern grown seed.



MEDIUM OR RED CLOVER.

Prices, by mail—Superb Brand (best grade): Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; 5 lbs., \$1.50; peck, \$4.35; bu. (60 lbs.), \$16.20; 100 lbs., \$27.00; 500 lbs. at \$26.50. Old Gold Brand: Peck, \$4.20; bu., \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.50.

MAMMOTH CLOVER.

Resembles Medium but larger and coarser. Best for pasture and fertilizer. Prices, Superb Brand and Old Gold Brand, 50c per hundred pounds higher than for same grades of Medium.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. The only clover that will not kill out on wet land. Prices of Alsike are again exceptionally low this year as compared with Red Clover. Furthermore it is much more economical to use because five pounds will seed an acre whereas about ten are required of Red Clover.

Prices, by mail—Superb Brand: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 5 lbs., \$1.25; peck, \$3.60; bu., (60 lbs.), \$13.20; 100 lbs., \$22.00; 500 lbs., at \$21.50.

Old Gold Brand: Peck, \$3.45; bu., \$12.60; 100 lbs., \$21.00; 500 lbs. at \$20.50.

WHITE DUTCH CLOVER. Very fine for lawns. All our seed is Wisconsin grown. Crop was short and prices will be high.

Prices, Superb Brand—by mail: Lb., 80c; 3 lbs., \$2.25. By freight: Lb., 75c; 5 lbs., \$2.75; pk., \$10.00; bu. (60 lbs.), \$39.00; 100 lbs. \$65.00.

Old Gold Brand: Pk., \$9.50; bu., \$36.00; 100 lbs., \$60.00.

Note: Prices named here are good until Feb. 1st only. After that Clover prices are strictly subject to change without notice. Ask for our "Weekly Price List." Samples giving purity and germination tests, free on request. Bags extra at 40c. Use Nitragin for inoculating all kinds of clover. See page 7.



Alsike.

SWEET CLOVER. (The Great Fertilizer and Hay Crop.)

Sweet Clover is no longer an experiment. It has become a staple crop and is grown now in nearly all sections.

A few of the reasons why sweet clover is valuable:

It grows readily on most all soils and locations.

It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

Sweet Clover brings land up rapidly and fits it not only for alfalfa but all crops.

It can be pastured while alfalfa cannot.

All stock relish is when once taught to eat it.

It makes a profitable hay crop, while the second crop may be harvested for seed.

Sow 10 to 15 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is usually considered the most valuable. Hulled seed is preferable to unhulled as it germinates more readily. Scarifying the seed also makes it germinate better. We have a machine for scarifying and are using it on our seed this year. The seed should be inoculated for best results.



Common Sweet Clover in Grundy County, Illinois.
Photographed June 25th.

GRUNDY COUNTY SWEET CLOVER.

We have a special strain of Sweet Clover to offer this year that we call "Grundy County Sweet Clover." This strain is earlier, more dwarf and more leafy than the common sweet clover.

It seems that Grundy County, Illinois, is a great sweet clover center. In fact the last census report shows that this county had the largest per cent acreage of sweet clover as a forage crop of any county in the United States. They grow there common white blossom, yellow blossom, Grundy County and Hubam but by far the greatest acreage now is Grundy County as the farmers all prefer it.

Grundy County Sweet Clover has several outstanding advantages. First, it is three weeks earlier than the common sweet clover. Thus the seed ripens ahead

of most weeds. Second, while it grows to a good height and makes a good hay crop it is not as tall as the common and is much more easily handled. Third, it is finer and more leafy than the common and branches thickly about a foot above the ground. Fourth, it yields more seed than the common, several farms in Grundy County the past season producing as high as 8 to 15 bushels per acre.

Grundy County Sweet Clover is perhaps more like Alfalfa than Sweet Clover. It grows like alfalfa only faster and the hay is like alfalfa hay so that it is in fact almost a "White Blossom Alfalfa."

We have two carloads of this Grundy County Sweet Clover seed, all first grade beautiful seed, hulled and scarified.

We expect a great demand for this seed as on account of its earliness and quick growth and the leafiness and very fine quality of the hay produced it will prove much more desirable anywhere than the common sweet clover. Order early before the seed is all gone.

YELLOW BLOSSOM SWEET CLOVER. In addition to our Grundy County and Common Sweet Clover, both of which have a white blossom we are handling this year the large Biennial Yellow Blossom Sweet Clover. This is considered by some better than the White Blossom. Is said to be a little earlier and better for pasture.

PRICES OF SWEET CLOVER FOR 1923.

Common, White Blossom Hulled, Superb Brand, Scarified—By mail: lb., 30c; 3 lbs., 80c. By freight: lb., 25c; 5 lbs., \$1.00; pk., \$2.40; bu. (60 lbs.), \$9.00; 100 lbs., \$15.00; 500 lbs. at \$14.75. Old Gold Brand: bu., \$8.70; 100 lbs., \$14.50; 500 lbs. at \$14.25.

Grundy County, White Blossom Hulled—By mail: lb., 35c; 3 lbs., 95c. By freight: lb., 30c; 5 lbs., \$1.25; pk., \$3.00; bu., \$10.80; 100 lbs., \$18.00; 500 lbs. at \$17.75.

Yellow Blossom—By mail: lb., 30c; 3 lbs., 80c. By freight: lb., 25c; 5 lbs., \$1.00; pk., \$2.40; bu., \$9.00; 100 lbs., \$15.00; 500 lbs. at \$14.75.

Bags are extra at 40 cents each. Ask for "Weekly Price List" after February 1st. Also for samples giving tests.

HUBAM SWEET CLOVER.

The Wonderful New Quick Growing Annual White Sweet Clover.

Hubam Sweet Clover was discovered at the Iowa Ex. Station in 1916 by Prof. H. D. Hughes, Chief of Farm Crops. The great value of Hubam Sweet Clover lies in the fact that it makes a heavy growth the same season it is sown. As the Rural New Yorker puts it, "It does in one season what alfalfa or the old sweet clover requires two years for doing. It will make a faster and stronger growth than any other plant yet well tested in this country." It can be sown in the spring like any other clover and a full crop of seed harvested the same season. Or it can be cut earlier for hay and usually two crops of splendid hay can be secured the first season.

As a Honey Crop Hubam is of greatest value as it begins to bloom two months after seeding and continues blossoming in profusion all summer long making the best clover honey. In fact when the ripe seed is ready for cutting in the fall new blossoms will be found on the same plant.

Culture. Sow with or without a nurse crop 10 to 15 pounds per acre. Spring is the best time for sowing but Hubam can be sown in the fall the same as other sweet clover. The seed we offer is genuine pure Hubam, certified and scarified and all northern grown.

PRICES OF HUBAM SWEET CLOVER FOR 1923.

By mail: lb., 50c. By freight: lb., 45c; 5 lbs., \$2.00; pk., \$5.50; bu., \$20.10; 100 lbs., \$33.50; 500 lbs. at \$33.00.



Grundy County Sweet Clover on Same Farm as the Above.
Photographed the Same Day. This Field Was Cut
for Seed July 2nd, while the Common Was Not
Ready Until July 22nd.



You Can Cut Alfalfa Three Times Each Season, Getting Four or Five Tons per Acre of the very Best Hay.

OLDS' FANCY ALFALFA SEED.

OLDS' FANCY ALFALFA SEED. "Alfalfa excels, where successfully grown, all other hay crops in yields; feeding value; ability to eradicate Canada Thistles and all ordinary farm weeds; in withstanding severe summer drought, especially in cases of new seedlings; in soil enrichment and permanence of growth." Prof. L. F. Graber, Wis. College of Agriculture. Alfalfa has demonstrated its great value here in Wisconsin. It is one of our best crops. Three cuttings of nice hay can be secured on almost every farm. It is getting to be regarded as a leading money crop. Every farm in the country should have some alfalfa on it. Get started this year sure. Don't be a back number. This is the year to sow Alfalfa. The price is reasonable and the seed is fine.

Alfalfa seed is a specialty with us and we sell several carloads every season. We secure it from different localities but do not handle any inferior seed. In fact, we handle only the best. The crop was again short especially in Montana and the Dakotas and the total seed produced in the United States is probably not near enough to supply the demand. Prices at this date are comparatively low. We are looking for somewhat higher prices. Our seed is all American grown. Foreign seed we do not handle as we do not think our customers want it at all. The seed is apt to contain bad weed seeds and it does not do as well as American grown seed anyway. A lot of Argentine seed is being shipped into this country this year. Look out for it. "The best is the cheapest."

Insist on knowing where the seed grew before you buy. If you buy of a Wisconsin dealer he will have to give you that information as the Wisconsin seed law requires it. Insist also on knowing what it tests both for purity and germination. Our seed all shows high tests. Buy from samples showing tests. Use Nitragin for inoculating.

"How to Make Alfalfa A Sure Crop," an eight-page pamphlet by L. F. Graber, free on request.

PRICES OF OLDS' FANCY ALFALFA SEED FOR 1923.

Hardy Montana. Montana alfalfa seed has the reputation of being the hardiest of all common alfalfa. The crop in Montana was very short the past season and our stock is not as large as usual. By mail: Lb., 45c; 3 lbs., \$1.20. By freight: Lb., 40c; ½ pk., \$2.35; pk., \$4.50; bus., (60 lbs.) \$17.10; 100 lbs., \$28.50; 500 lbs. at \$28.00.

Hardy Dakota. We have a splendid large stock of Dakota seed this year from the famous Black Hills region of Western South Dakota. This section produces beautiful seed and in our judgment it is just as hardy as the Montana seed. In fact they have the same opinion at the office of the Wisconsin Department of Agriculture. In a circular letter sent out to seed dealers, dated Feb. 20, 1922, they say: "It is a waste of money to pay more for Montana than for other northern grown seed." Prices, by mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., 35c; ½ pk., \$2.15; pk., \$4.10; bu., \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.50.

Fancy Idaho. Grown nearly as far north as our Dakota seed and beautiful, bright, high testing seed. ½ pk., \$2.00; pk., \$3.90; bu., \$15.00; 100 lbs., \$25.00; 500 lbs. at \$24.50.

Fancy Kansas. Very bright high testing seed. Kansas seed does well in Wisconsin, giving in the main about as good results as Montana and Dakota seed. ½ pk., \$2.00; pk., \$3.90; bu., \$15.00; 100 lbs., \$25.00; 500 lbs. at \$24.50.

Pound prices of Idaho and Kansas seed same as for Dakota.

Fancy Northwestern. We have one car of very fancy seed grown in Utah that we call "Fancy Northwestern." Utah had a big crop the past season, the largest of any state and the seed is unusually nice.

Prices, same as for Fancy Idaho. **Wisconsin Grown Alfalfa.** It was not supposed that alfalfa seed could be grown in Wisconsin but we have a little this year, genuine Wisconsin grown, from Fond du Lac County.

Prices, by mail: Lb., 50c; 3 lbs., \$1.35. By freight: Lb., 45c; ½ pk., \$2.50; pk., \$4.75; bu., \$18.00; 100 lbs., \$30.00.

Alfalfa prices are good for January only. Consult "Weekly Price List" after Feb. 1st. Also ask for samples. Bags are extra at 40c each.



Courtesy of Wisconsin College of Agriculture. They say "Alfalfa is rated as one of our best hog pastures."

LIME FOR ALFALFA. See page 91.

GRIMM ALFALFA. (The Alfalfa for Northern Latitudes.)



History. The seed of this variety was brought to Minnesota from Germany in 1857, by a German farmer named Grimm. Prof. W. M. Hays, while at the Minnesota Experiment Station about 1890 found Mr. Grimm growing this alfalfa and at once began calling attention to its hardness and adaptability to Minnesota conditions. This was the beginning of Grimm Alfalfa in the United States.

Characteristics. Grimm Alfalfa may usually be distinguished from common alfalfa.

First, By the fact that the blossoms are usually variegated in color, yellow, green, blue, brown, etc., instead of all purple.

Second, By its branching root system instead of the long straight tap root of the common alfalfa. This enables it to withstand the hard winters, the tap root of the common alfalfa often being broken by heavy freezing.

We again have Grimm Alfalfa from Mr. J. C. Parkin, a large farmer in the edge of the Black Hills, Western South Dakota. This is the seventh year we have handled Mr. Parkin's Grimm Alfalfa. Our stock this year is larger than usual and very fine.

We have personally visited Mr. Parkin and his 1200-acre ranch. We found him a progressive, energetic man of strict integrity and a man who thoroughly understands alfalfa. He has been growing seed for 10 years or more and has had nothing but Grimm from the start. His fields have been certified by the County Agent of Fall River County, South Dakota, and pronounced 98 per cent Grimm. Mr. Parkin says there will be no danger of winterkilling with his seed.



Mr. J. C. Parkin Examining Seed in the Field.

We have also again this year a stock of Grimm seed from the Idaho Grimm Alfalfa Seed Growers' Association. This Association is an organization of Idaho growers who can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota, and who have had their fields inspected for the Grimm characteristics and also for weeds and the seed finally examined by the State Seed Analyst, after being thoroughly cleaned and scarified. This seed comes to us in sealed bags as "Certified Grimm Alfalfa, guaranteed absolutely free of dodder and all other noxious weeds." We have also Grimm alfalfa seed, Dakota grown, which is not certified but which comes from reliable sources.

PRICES OF GRIMM ALFALFA SEED FOR 1923.

Certified Grimm, Parkin—By mail: Lb., 60c; 3 lbs., \$1.60. By freight: Lb., 55c; ½ pk., \$3.75; pk., \$7.00; bu., \$27.00; 100 lbs., \$45.00; 500 lbs. at \$44.50. Bags extra at 40c.

Certified Grimm, Idaho—½ pk., \$3.85; pk., \$7.30; bu., \$28.20; 100 lbs., \$47.00; 500 lbs.

at \$46.50. Smaller quantities same as Parkin Grimm.

Uncertified Grimm—½ pk., \$3.25; pk., \$6.25; bu., \$24.00; 100 lbs., \$40.00; 500 lbs. at \$39.50.

COSSACK ALFALFA.

Cossack is a new variety of very hardy alfalfa brought from Siberia by Prof. N. E. Hansen of the South Dakota Experiment Station. Prof. Hansen says he is confident that the Cossack will soon lead all other alfalfas. He says it is perfectly hardy, having stood the severest tests as to hardness and drought resistance, that it recovers quickly after cutting, that it is remarkable for its abundant leaves and that it yields heavily both hay and seed.

The Cossack seed that we offer is genuine registered seed, grown in Western South Dakota and state certified. Prices, by mail: Lb., 80c; 3 lbs., \$2.25. By freight: ½ pk., \$5.00; pk., \$9.50; bu., \$36.00; 100 lbs., \$60.00.

BALTIC ALFALFA. Another hardy variety of alfalfa. Seed is Western South Dakota grown and state certified. Prices, same as for Idaho Certified Grimm.

The Improved Soil Inoculator, Nobbe-Hiltner Process



Restores and Maintains Soil Fertility

Alfalfa, clovers, soybeans, vetches, peas, beans, cowpeas, and other legumes should always be inoculated. The lack of necessary bacteria in the soil is often the cause of a poor legume crop—a weak start—or a total failure.

A GREAT PRICE REDUCTION.

NITRAGIN COSTS LESS.

Nitratin now comes in Bushel sizes instead of Acre sizes. This means that it costs you less per acre. If you sow 12 pounds of seed to the acre it will cost you only 20 cents for your Nitratin. It means that Your Dollar Goes Further with Nitratin.

Nitratin is an old, reliable inoculator. At the low price of 20 to 33 cents per acre you cannot afford to sow legumes without it. Nitratin is put up in the modern ventilated package; in a rich, soil-like packing medium. The contents are always fresh, living bacteria to feed your plants.

We have discontinued Standard Inoculating Bacteria and are handling this year Nitratin only. It is cheaper than the Standard and in our opinion better. In fact Nitratin will inoculate the seed just as effectively as Standard or any other culture made and we think more effectively. We recommend it most highly. PRICES OF NITRAGIN FOR 1923.

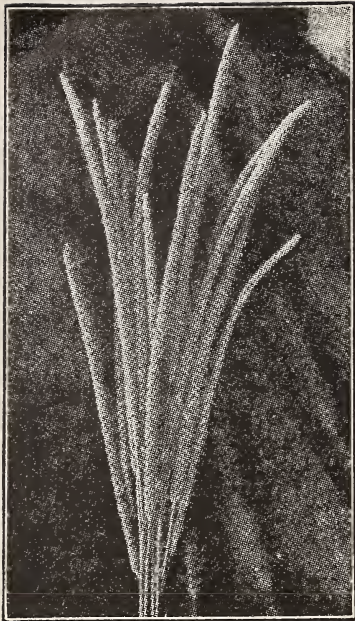
For the Following Legume Crops. (Name the one you want.)

- Culture A, for Alfalfa and all Sweet Clovers.
- Culture B, for Red, Mammoth, Alsike and White Clover.
- Culture C, for Peas (all kinds) and Vetch.
- Culture D, for Beans of all kinds.
- Culture E, for Cow Peas.
- Culture S, for Soy Beans.

- ¼ bu. size, for 15 lbs. seed, 40c; by mail, 45c.
- ½ bu. size, for 30 lbs. seed, 60c; by mail, 65c.
- 1 bu. size, for 60 lbs. seed, \$1.00; by mail, \$1.05.
- 5 bu. size, for 300 lbs. seed, \$4.75; by mail, \$4.95.
- Garden Nitratin, for Garden Peas, Sweet Peas and Beans Combined (inoculates up to 8 lbs.) 20c; by mail, 22c.



OLDS' HIGH GRADE TIMOTHY.



Olds' High Grade Timothy.



TIMOTHY SEED is one of our specialties and we are in position to furnish pure clean seed all the time at the lowest possible prices.

The prices named here are subject to change after Feb. 1st. Ask for samples giving tests.

Prices, Superb Brand, by mail: Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 5 lbs., 60c; pk., \$1.10; bu. (45 lbs.), \$4.05; 100 lbs., \$9.00; 500 lbs. at \$8.75. Bags extra at 40c.

Old Gold Brand: Bu., \$3.95; 100 lbs., \$8.75; 500 lbs., at \$8.50.

TIMOTHY AND ALSIKE MIXED. (1-5 Alsike); Pk., \$1.35; bu. (45 lbs.), \$4.95; 100 lbs., \$11.00; 500 lbs. at \$10.75.

OLDS' FANCY RED TOP.

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns.

Fancy Solid Seed. (Recleaned, free from chaff.) Superb Brand, by mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., 35c; 10 lbs., \$2.75; 100 lbs., \$25.00; 500 lbs., at \$24.50. Bags extra at 40c.

Old Gold Brand: 100 lbs., \$22.00; 500 lbs. at \$21.50.

Unhulled Seed. By Freight: Bu., (14 lbs.), \$2.00; 100 lbs., \$13.50. Sacks included.

Prices on all the following grasses, the rest of this page, include the sacks. While prices may change in some instances after Feb. 1st they will probably stand as given here for the season. Ask for special prices on large quantities. We handle only the best grades.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. This is the year to use Kentucky Blue Grass freely, as the crop was fine the past season and the price is very reasonable. The seed we offer is the best that can be secured, 21 pound seed. By mail: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; bu. (14 lbs.), \$4.75; 100 lbs., \$32.50.

(We also have 19 pound seed that we can furnish at \$1.50 per hundred less.)
CANADIAN BLUE GRASS. Desirable for pasture mixtures and used also for lawns. By freight: Lb., 30c; 10 lbs., \$2.75; 100 lbs., \$25.00.

ENGLISH BLUE GRASS. (Meadow Fescue.) By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 10 lbs., \$2.75; 100 lbs., \$24.00.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.90; 100 lbs., \$15.00.

ITALIAN RYE GRASS. Similar to the preceding but larger and stronger in growth. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.85; 100 lbs., \$14.00.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.50.

BROME GRASS (Bromus Inermis). Yields enormous quantities of hay and makes abundant pasture. It defies drouth, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring. By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$12.50; 500 lbs. at \$12.00.

ORCHARD GRASS. Withstands drouth, will grow in the shade, and does well on poor land. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.00; bu. (14 lbs.), \$2.65; 100 lbs., \$17.50; 500 lbs. at \$17.00.

CREeping BENT. None to offer. Seed about unobtainable. Use Chewings Fescue.

RED FESCUE. Fine for putting greens. Lb., 65c; 10 lbs., \$6.00; 100 lbs., \$55.00.

CHEWINGS' FESCUE. A very fine pure strain of Red Fescue, selected by a man named Chewings. Grown in New Zealand. By freight: Lb., 70c; 10 lbs., \$6.50; 100 lbs., \$60.00.

ROUGH STALKED MEADOW. By freight: Lb., 95c; 10 lbs., \$9.00; 100 lbs., \$85.00.

MEADOW FOXTAIL. Valuable for low ground. By freight: Lb., 45c; 10 lbs., \$4.00; 100 lbs., \$35.00.



Olds' Meadow Mixture.



Red Top.



Bromus Inermis.

T A L L MEADOW OAT GRASS. For dry soils. By freight: Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$30.00.

OLDS' PASTURE MIXTURE.

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Blue Grass and others.

By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$18.00; 500 lbs. at \$17.50.

OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out. By freight: Lb., 30c; 10 lbs., \$1.85; 100 lbs., \$16.50; 500 lbs. at \$16.00.

If seed is ordered sent by mail at the freight prices, add sufficient to cover postage.



Wisconsin's State Capitol at Madison.

OLDS' LAWN GRASS.

We have made a study of high grade lawn grass and offer five very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain Timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

CULTURE:—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared. Use Bone Black for fertilizer or Pulverized Sheep Manure. Every lawn, new or old, needs fertilizer. Many lawns need lime also. See page 91.

OLDS' MADISON PARKS LAWN GRASS.

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Red and Chewings Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. It is nearly all solid seed, heavy and expensive. The seeding in Tenney Park, Brittingham Park and Vilas Park here in Madison is all from this mixture and most of the new private lawns in Madison are from this seed. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 45c; 3 lbs., \$1.30. By freight: Lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.50; 100 lbs., \$34.00.

OLDS' CAPITAL LAWN GRASS.

Every Madison visitor in the summer is filled with admiration not only for the magnificent building that Wisconsin citizens are all proud of but for the rich, even green of the capital lawn. Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make this beautiful lawn. It is composed of solid heavy seed of the highest germination but contains no White Clover. We recommend it as satisfactory for all ordinary locations where proper care is taken in making the lawn and where a thick, luxuriant growth is desired that will be uniform in appearance. We are sure that everyone who sees the grass surrounding Wisconsin's beautiful Capitol will say "That is certainly good enough for me."

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.10; 100 lbs., \$29.00.

OLDS' OLD GOLD LAWN GRASS.

We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than any of the others, although all right too for a permanent lasting growth. It contains no timothy.

By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$23.00.

OLDS' UNIVERSITY LAWN GRASS.

This is a high grade lawn grass made up of nearly the same high-priced grasses as those used in our Madison Parks Lawn Grass with the addition of Pacey's Rye Grass. We recommend University Lawn Grass as a complete grass for a permanent lawn.

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$26.00.

OLDS' SHADY PLACE LAWN GRASS.

We have prepared this mixture very carefully for sowing under large trees and in other deeply shaded places where ordinary grasses do not succeed well. It is made up largely of rare and high-priced grasses such as Chewings Fescue, Red Fescue, Rough Stalked Meadow, etc.

By mail: Lb., 55c; 3 lbs., \$1.60. By freight: Lb., 50c; 5 lbs., \$2.20; 10 lbs., \$4.25; 100 lbs., \$40.00.

(All Lawn Grass prices include sacks. We use only the best grades of seed in all the mixtures.)

OLDS' SEED CORN

FANCY WISCONSIN GROWN CORN.

We are glad to be able to announce to our customers another splendid crop of Wisconsin grown seed corn. This makes three fine corn crops in succession, each crop if anything a little better than the last. We have it all fire-dried as usual, although in some cases it really did not seem to need any fire drying. Of course it costs more than corn that is not fire-dried. But we take no chances. It will all test 100 per cent or very near it and can be relied on absolutely.

EAR CORN. With the exception of one year we have offered corn on the ear, put up in bushel crates, every year for the last 18 years. We believe that farmers should have a chance to see the seed corn they buy before it is shelled and in fact, many of the most progressive farmers insist upon that. It costs more this way, as it requires extra handling and the crates are expensive.

WISCONSIN SHELLED CORN. All the Wisconsin shelled corn we offer is from select ears. The corn is either tipped before shelling or carefully graded after shelling and much of it graded with a Hero Corn Grader. See page 89.

OUR GUARANTEE.—Note what we say about guaranteeing quality on page one. This applies to corn, as well as other things. The stock must be as represented. We guarantee, however, only to the amount sent us and will not be responsible for the crop.

Prices. The Seed Corn prices named in this catalog are good until February first and will probably stand for the season. However consult our weekly "Red Price List" after Feb. 1st. Do not think our prices high. You cannot buy fire-dried corn of Wisconsin pedigreed varieties at the price of feed corn. After all the cost of the seed for an acre of corn is only a trifle and it makes a big difference whether you have the right seed or not.

MURDOCK YELLOW DENT. (Wisconsin No. 13.)

Sweepstakes Corn of the Northern Zone.



Murdock Yellow Dent is our favorite variety of corn. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He took more than 35 premiums on it in 12 years and never failed to secure a premium wherever he showed.

Murdock Yellow Dent is of a deep yellow color, ears 8 to 9 inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. As to season, it is decidedly early and perfectly safe to plant as far north as the geographical center of Wisconsin. It is a fine extra early also for Illinois, Iowa and other corn belt states. Earlier than Silver King and will yield as much.



This shows the style of crate we use. Tops and bottoms are tight, sides lined with wire cloth. A crate holds just one bushel or 70 pounds, net.

We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years and he was selecting and further improving the corn each year during all that time. Now it is with great sorrow and regret that we announce to our customers the death of Mr. Brueckner, which occurred May 16, 1922. He was a high type of man, honest, painstaking, conscientious, thoroughly in love with his corn breeding and selecting work. His great delight was picking show ears, trying to find a perfect ear of corn. We shall miss him greatly. However, his work still lives. He has left two sons, trained from boyhood, to carry on the work of growing and improving Murdock Yellow Dent.

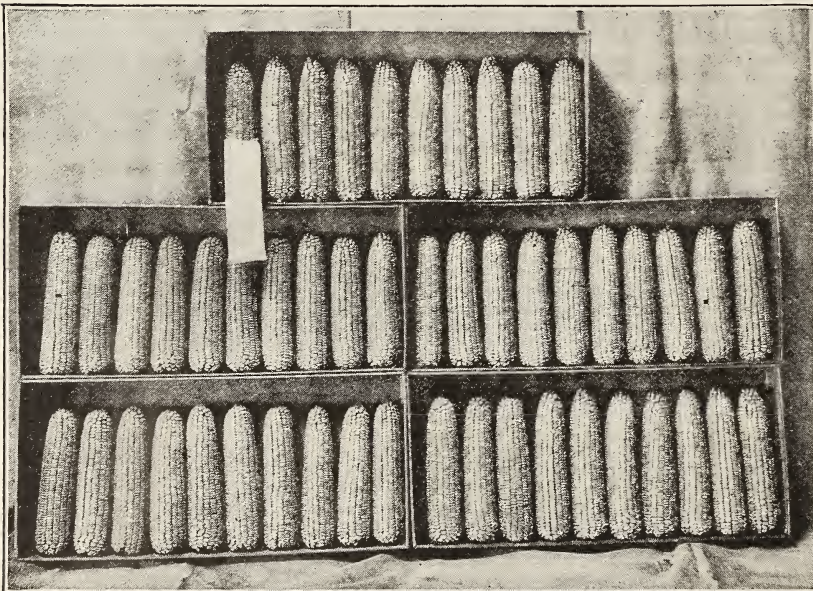
So we are able to offer again this year the famous Brueckner Murdock, grown and selected by Mr. Brueckner's two sons, Justus and Leo. This corn is fully equal to any we have had in past years. The other Murdock we offer is fine Wisconsin grown fire-dried stock but was not grown by the Brueckners.

PRICES OF MURDOCK YELLOW DENT FOR 1923.

Brueckner Stock, Ears: ½ pk., 90c; pk., \$1.60; bu. (70 lbs.), \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25. Crates free.

Other Wisconsin Stock Ears: Pk., \$1.40; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.

Brueckner Stock Shelled: Pk.,



THE FIRST PRIZE 50-EAR SAMPLE OF MURDOCK AT THE WISCONSIN PUREBRED GRAIN SHOW, FEB., 1920, EXHIBITED BY H. C. BRUECKNER.

\$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50. Bags extra at 40c.

Other Wisconsin, Shelled: ½ pk., 60c; pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.



Ten Ears of Mr. Becker's Cold Resistant Golden Glow, Grown in Trempealeau County.

COLD RESISTANT GOLDEN GLOW.

The Best Silage Corn for Central and Upper Wisconsin.

Also Fine for All Sections to Resist Cold Weather Just After Planting.



A new corn of great value which we offered for the first time last year. It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time, and permit of earlier planting. With the idea of producing such a corn and something also that would yield well and mature early they worked on this at the Wisconsin Experiment Station for ten years testing it out in different sections. Last year they were ready to have it offered.

Prof. Moore says it is great for the northern counties as it ripens up so early. He says it holds the same size as the common Golden Glow, can be planted two weeks earlier and will keep right on growing in spite of cold weather. If frost hits it, it will come right along again. Prof. Leith says:

"This corn is selected from the high producing Golden Glow corn bred at the Wisconsin Experiment Station. Selection was made for hardiness so that the corn could be planted a week or 10 days earlier than the usual corn planting time and thus lengthen the corn growing season. This corn produces a large stalk averaging as large as the common Golden Glow. It matures a few days earlier and high yields are reported from growers. It is the best silage corn we know of for central and upper Wisconsin."

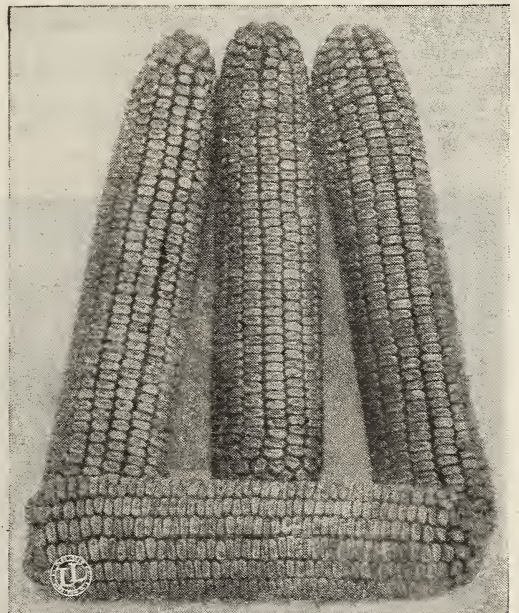
This last fall after making an inspection trip through the northern part of the state, Prof. Moore estimated that there were nearly 12,000 acres of Cold Resistant corn in Wisconsin. He said: "This is a great year for the new Cold Resistant corn. The new strain has made fine growth and is in many cases taller than the native varieties. The cold season is proving the worth of Cold Resistant corn. A June frost failed to affect the new corn. A few leaves sloughed off and then the growth continued normal. There should be a great demand for seed this fall, and there should be a great quantity of seed for distribution."

Prof. Moore says further: "In regard to the Cold Resistant corn I wish to state that I have great faith in it. Through several years of breeding work at the Wisconsin Experiment Station, cold resistance has been bred into the famous high yielding Golden Glow corn. This has enabled the Golden Glow area to be pushed further to the north, thereby enabling farmers to grow and mature a larger variety of corn where they were not able to succeed before."

Our stock of Cold Resistant Golden Glow this year was grown by W. W. Suttie and P. V. Becker of Trempealeau County and by Charles Hull of Shawano County. On the front cover of this catalog we show a few ears of Mr. Suttie's corn. He says the corn was dented at fair time, August 22nd, and that he got first prize on the corn. He writes further: "The ears run smaller than last year but are a much better type, as we selected our seed for color and even size, using only the 16 rowed ears." We can furnish Mr. Suttie's corn either on the ear or shelled, the other two stocks shelled only.

Mr. Becker, who sent us 10 ears of his corn for photographing last fall, shown above, thinks this variety is even larger than the original Golden Glow. He says: "The Cold Resistant Golden Glow corn averages a little larger than the common Golden Glow and will mature about the same time. Under favorable conditions will mature by August 25th. It is a heavier yielder, both stalk and grain, making it a very desirable variety for ensilage purposes."

Mr. Hull, who lives further north than our other two growers, in northeastern Wisconsin, has grown some splendid corn for us and he knows how to select and care for it. This corn does not run as large as the Trempealeau County stock but will be better for planting in the extreme north.



Mr. Hull's Cold Resistant Grown in Shawano County, Northeastern Wisconsin.

PRICES OF COLD RESISTANT GOLDEN GLOW FOR 1923.

Ears, Suttie stock: ½ pk., 85c; pk., \$1.60; bu., \$4.25;	bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.
5 bus. at \$4.10; 10 bus. at \$4.00.	Shelled, Hull stock: ½ pk., 70c; pk., \$1.25; bu., \$3.75;
Shelled, Suttie or Becker stock: ½ pk., 65c; pk., \$1.20;	5 bus. at \$3.60; 10 bus. at \$3.50.

GOLDEN GLOW. (Wisconsin No. 12.)

Yield Record, 134 Bushels per Acre in Fond du Lac County, Wisconsin.

This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin.

In the "Two-Acre Wisconsin Yield Contest" carried on throughout the state in 1919 the highest seven records were all made on Golden Glow, ranging from 120 bushels per acre, the best yield, down to 98 bushels the seventh on the list. This contest was open to all varieties.

Description. Golden Glow is a cross of Wis. No. 8 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter. It is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

We have two splendid stocks of Golden Glow to offer this year, one stock grown by Mr. R. H. Lang of Jefferson County, Wisconsin, the other by Mr. W. E. Bishop of Trempealeau County. We have handled Golden Glow from both of these men for several years and consider both of them expert seed corn breeders.

Mr. Lang says he considers the corn he has furnished us this year the best he ever grew and he has always had a very superior, even strain of Golden Glow. What he is aiming at in his breeding and selecting is a "Big Type of Golden Glow." Note the large diameter and full maturity of the ears shown in the illustration, which is from a photograph that Mr. Lang sent us just in time for this catalog. We can furnish this "Big Type" corn both shelled and on the ear. It is a very fine strain of corn.

Our Bishop stock of Golden Glow is also very nice. Mr. Bishop has been growing and selling seed corn for over 30 years. He guarantees his corn absolutely and says he never had a complaint. He grades all his corn with a Hero Grader before shipping to us. He has reported a yield around 100 bushels per acre each year for the past 3 years or more and is not satisfied with anything less. He sends in about a carload each year, all grown, selected and fire-dried under his own personal supervision. Of the crop for this year Mr. Bishop wrote under date of October 28, 1922, "The last of the 1922 corn crop has been in the kiln a week. The crop from every point of view was the finest I have seen. Yield, type and color are all that could be desired. It will be the best lot of corn you have got from me."

PRICES OF GOLDEN GLOW OR WISCONSIN NO. 12 FOR 1923.

Lang Big Type, Ears: $\frac{1}{2}$ pk., 80c; pk., \$1.50; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25.

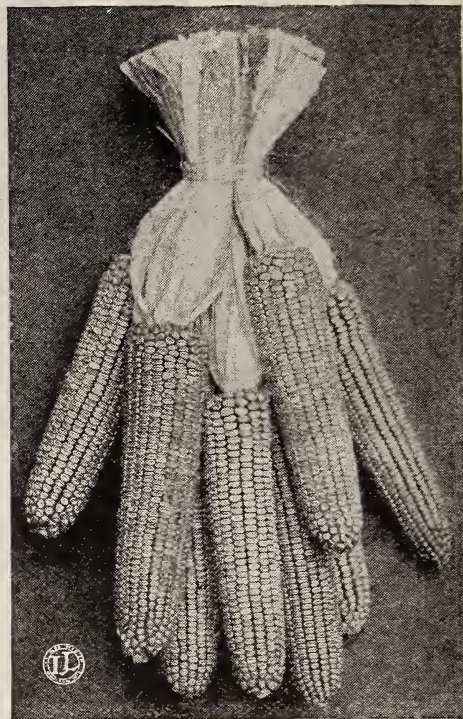
Lang Big Type, Shelled: $\frac{1}{2}$ pk., 65c; pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

Bishop Stock, Shelled only: $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 3 lbs., 65c. Samples showing tests free. Half bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck, grain bags holding $2\frac{1}{2}$ bus. 40c each.

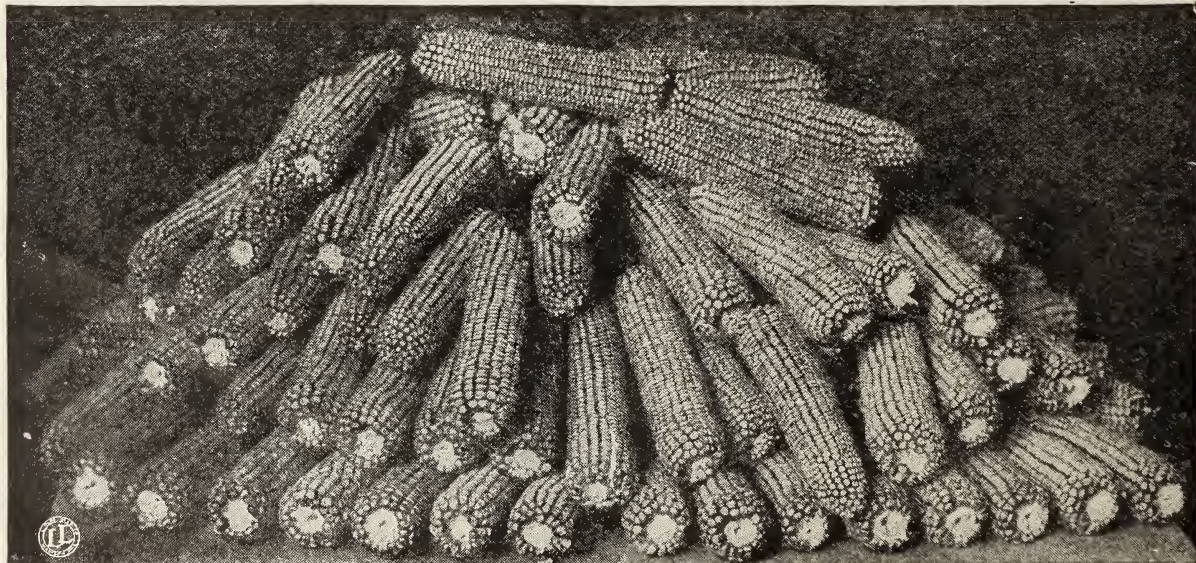
Sample ear, any variety, offered on the ear, by mail, 30c. By freight or express, 25c. This may be deducted from first order for one bushel or over.

Prices of corn are subject to change after February 1st. "Your catalog is the best I ever saw." Dr. M. R. Steffen, Allenton, Wis.



Mr. Lang's "Big Type Golden Glow."

J. H. Dodge, Secretary Farmers Educational Union, Manassas, Va., writes: "Your 1922 catalogue just received. Before the rush of the seed season, I write to express my appreciation of your catalogue which is clear, descriptive, and well arranged for both the wholesale and the retail buyer. I do not buy a very large quantity of seed as I save much of my own, and the freight cost precludes my buying the bulk of what I do buy at so great a distance, but I appreciate your catalogue as it helps me to keep up to date in the seed field. I enclose a small mail order, the grain I can use in my experimental plot and the vegetable collection I can use in a kitchen garden to advantage. Continue to mail me your catalogue and greatly oblige."



A Sample of Mr. Bishop's 1922 Crop of Golden Glow.



SILVER KING

(Wisconsin No. 7)



Silver King is the best known of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has revolutionized corn growing in Wisconsin.

History:—This corn originated in Northern Iowa. It was brought to Wisconsin and has been developed and improved and sent out over the state through the members of the Wisconsin Experiment Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, so far as we know, is 137 6-10 bushels per acre. This yield was in Racine County in 1913.

Description:—In appearance the corn is a beauty. Note the accompanying illustration. Ears just the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color with white cob. It has a decided double ear characteristic, one reason for its yield records. It is a very popular corn with Wisconsin farmers for filling silos, and probably the very best variety for that purpose, because of its leafiness and heavy growth of fodder. Our stock of Wisconsin Silver King this year

is large or as deep grained as our other stocks. All our ear corn is Jefferson County grown and somewhat rougher in type than the average Silver King.

Our Nebraska stock will answer for silage, where a cheaper corn is wanted.

PRICES OF SILVER KING OR WISCONSIN NO. 7.

Wisconsin Grown, Ears: $\frac{1}{2}$ pk., 75c; pk., \$1.40; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. Crates free.
Wisconsin Grown, Shelled: $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00. (Bags extra.)
Nebraska Grown, Shelled: $\frac{1}{2}$ pk., 40c; pk., 75c; bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00.

WISCONSIN NO. 25. (Earliest of All.)

We have long been looking for a good dent corn a little earlier than anything else we have had, something for extreme northern sections. Here we have it. Wisconsin No. 25 originated at the Ashland Station. It is a cross of Wisconsin No. 8 and a very early but deep-kerneled yellow dent which Prof. Delwiche secured from Northern Michigan. Prof. Delwiche says:

"We have selected from the original cross with the idea of fixing a type of corn similar in general appearance to the Wis. No. 8 but of earlier maturity. Our tests at Spooner have shown this new variety to be about a week to ten days earlier than the Wis. No. 8. The ideal we are working towards, and which is quite well fixed now, is for stalks ranging from seven to nine feet in height on medium soil, quite leafy; ears rather low on the stalk with from twelve to sixteen rows, kernels well dented but not rough."

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.20; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

(All our stock is shelled and is from the northern counties of Wisconsin, mostly Oconto and Washburn Counties.)

WISCONSIN NO. 8

Earliest Variety Except Wisconsin No. 25.

This is the corn for Northern Wisconsin and similar latitudes. Originally from Minnesota where it is known as Minnesota No. 13, Wisconsin No. 8 has been developed at the Wisconsin Experiment Station and is an improvement over the Minnesota strain. By careful selection and breeding the kernels have been materially lengthened and the ears enlarged without sacrificing the extreme earliness. Ordinarily it will get ripe anywhere in Wisconsin. Ears average 7 to 8 inches in length, with good length kernels, very uniform in type and color, with remarkably well-filled tips. Medium-size stalk with a good leaf development.

Our stock is northeastern Wisconsin grown, mostly from Marinette county, and is all very fine.

Prices, Shelled: $\frac{1}{2}$ pk., 60c; pk., \$1.15; bu., \$3.40; 5 bus. at \$3.25; 10 bus. at \$3.15.

was mostly grown in Jefferson and Trempealeau counties. We have also one lot from Winnebago county, near Oshkosh, and that will be best for our northern orders, although not as



Ears of Wisconsin No. 8.

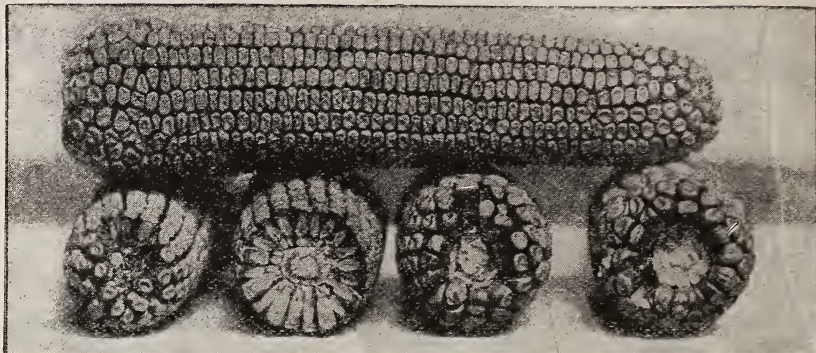
WESTERN GROWN AND FODDER CORN.

The corn offered on this page is mostly Nebraska grown. That means of course that it will be later in maturing than Wisconsin corn. It is all good seed corn however, is well graded and shows high germination tests.

REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the north for silo. We sell it in large quantities for this purpose, especially to the dairy farmers of northern Illinois.

Prices, Nebraska Grown, Shelled: $\frac{1}{2}$ pk., 40c; pk., 75c; bu., \$2.15; 5 bus. at \$2.00; 10 bus. at \$1.90. Bags extra at 40c.



Reid's Yellow Dent, A Very Popular Large Yellow Corn.

PRIDE OF THE NORTH.

The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as large a percentage of shelled corn.

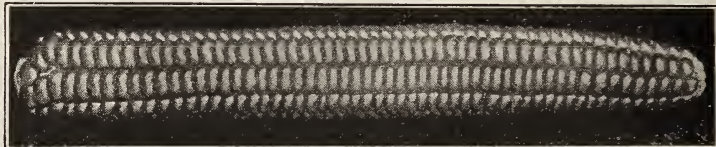
Nebraska Grown, Shelled: $\frac{1}{2}$ pk., 40c; pk., 75c; bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00.

EARLY NORTHWESTERN DENT.

A very famous corn with northern growers. It is in a class by itself, having red kernels with a yellowish cap, being really a cross between a red flint and a yellow dent.

The type now has become well established and the corn is uniform. Extremely early. As a rule Northwestern Dent matures in 85 to 90 days. Our stock is Nebraska grown.

Prices, Shelled: $\frac{1}{2}$ pk., 40c; pk., 75c; bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00.



PRIDE
OF THE
NORTH

BLOODY BUTCHER.

A red, early dent corn, an old well-known variety and a favorite with many farmers.

Prices, Nebraska Grown: Same as for Northwestern Dent.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Ripens in 75 to 85 days. Our stock is Nebraska grown.

Prices, Shelled: $\frac{1}{2}$ pk., 50c; pk., 95c; bu., \$2.75; 5 bus. at \$2.60; 10 bus. at \$2.50.

EARLY LONGFELLOW FLINT.

KING PHILIP FLINT.

A very early 8-rowed red flint. Ripens in 70 to 80 days. Not large but a good yielder and a popular variety on account of its extreme earliness. Prices: Same as for Longfellow Flint.

IMPROVED SMUT NOSE FLINT.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels. Our stock of this variety is not western grown but was grown in Dodge County, Wisconsin, and is a very choice lot.

Prices, Shelled: $\frac{1}{2}$ pk., 60c; pk., \$1.15; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

GIANT RED COB ENSILAGE.

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the North where a large growth of green fodder is desired. There is nothing better to plant for cutting up and feeding green right from the field and where it is not desired to grow ears it will prove the most profitable for the silo. Our stock is Missouri grown.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.75; 5 bus. at \$1.60; 10 bus. at \$1.50.

IMPROVED LEAMING.

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin and is in great demand in the North as a silage corn. Largely planted by dairy farmers.

Nebraska Grown, Shelled: $\frac{1}{2}$ pk., 35c; pk., 65c; bu., \$2.15; 5 bus. at \$2.00; 10 bus. at \$1.90.

EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn. For description and for other Sweet Corn see Garden Seed pages.

Prices: $\frac{1}{2}$ pk., 50c; pk., 95c; bu. (45 lbs.), \$2.75; 5 bus. at \$2.60; 10 bus. at \$2.50.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 3 lbs., 65c. Samples showing tests free. Half bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck, grain bags holding $2\frac{1}{2}$ bus. 40c each.

Sample ear, any variety, offered on the ear, by mail, 30c. By freight or express, 25c. This may be deducted from first order for one bushel or over.

Prices of corn are subject to change after February 1st.

OLDS' SEED OATS

Choice Seed Oats are another specialty of ours. Our oats, as a rule, are grown for us on contract. We furnish the stock seed. Seed is treated for smut. The oats are thoroughly re-cleaned and all light oats blown out. It will pay any farmer well to change seed and get some of Olds' Seed Oats of new and improved varieties. Our stock is mostly grown right here in our home county, some in other sections of the state by members of the Wisconsin Experiment Association. Wisconsin was ahead of Michigan, Minnesota and Indiana in average yield of oats per acre for the 10 years 1910-1919.



This Field of 100 Acres of State's Pride or Wisconsin Pedigree No. 7, Yielded 10,096 bushels, or over 100 bushels per acre. This was in Dodge County, Wis.

STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7).

King of the Extra Early Varieties and Best Yields of all Oats at Wisconsin Ex. Station Farm.



A new pedigreed variety of oats originated at the Wisconsin Experiment Station. We were the first to offer it, cataloging it for the first time five years ago. It is our leader in oats. The past year it has been given a new name and will hereafter be known as State's Pride.

History. State's Pride is of Kherson origin. It came originally from the Kherson district of Russia to the Nebraska Experiment Station. In 1911, breeding work was begun on it at the Wisconsin Station. It was grown in the test plots for 5 years, and during that time showed some remarkable yields, several times over 100 bushels per acre and one year as high as 111 bushels per acre.

Description. State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats just before harvest. Owing to its earliness it is one of the best for a nurse crop.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm. This means a great deal. Even when it lodges some in unfavorable oat years it fills out the kernel well. For this reason it is recommended for very rich soils.

Another thing about this oat is its hardiness. Prof. Leith says it is the hardiest of anything, resists heat and withstands unfavorable conditions. He recommends it for sandy land especially, as well as for rich black soils. At the same time it seems to be a very satisfactory oat for clay soils and all other soils and is really an all-around good variety.

Mr. H. E. Krueger, Wisconsin's famous grower of pedigree grains has been a constant booster for this variety. We show above a photograph of a 100 acre field of Mr. Krueger's that yielded over 10,000 bushels.

In yield per acre at the Wis. Experiment Station, State's Pride stood first of all varieties in 1914, 1915, 1917, 1918, 1920 and 1921.

This oat has increased in popularity each year since its first introduction. We grow more each year than the preceding year but never have enough, always running out before the season is over.

To sum up, State's Pride excels in hardiness, extreme earliness, resistance to heat and rust, stiffness of straw, adaptability to hard conditions and heavy yielding qualities. We recommend it very emphatically.

PRICES OF STATE'S PRIDE FOR 1923.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 25c; pk., 45c; bu., \$1.25. (Bushel sacks extra at 10c.) 2½ bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05. (2½ bushel sacks extra at 15c.)

Oat prices do not include sacks except in small quantities, peck or less, and prices are subject to change after Feb. 1st. They may be higher, they may be lower.

NOTE: Treat Oats with Formaldehyde to prevent Smut. See page 93.



Sheaf of Wis. No. 7.



Wisconsin Pedigree No. 1 on Wisconsin University Farm. This Plat Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested That Year.

WISCONSIN PEDIGREE No. 1.

"Most Popular Oat in Wisconsin."



A wonderfully valuable oat first introduced by us ten years ago. It has become in the ten years' time one of the most popular and most sought after of all varieties of oats, surpassing even the celebrated Swedish Select. Out on the University Farm they called it the "best oat in the world," and Bulletin No. 340, issued in March, 1922, says "The most popular oat in Wisconsin is the Wisconsin Wonder or Pedigree No. 1."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza, the original stock coming from a Jefferson county farmer. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. for trial. Pedigree No. 1 proved the best of all.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, a little longer in grain than Swedish Select. At the Wis. Ex. Station, before State's Pride came along, they made quite a point of the stiffness of the straw. They said: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodges."

The average yield through a term of years was the highest of all mid-season varieties at the Wisconsin Station. C. B. Thorpe of Grant County, Wisconsin, threshed 300 bushels Wisconsin Pedigree No. 1 in 1917, from 6 bushels of seed procured of us and sown on 2½ acres, 120 bushels per acre.

We consider this one of the most valuable oats ever introduced. It is giving satisfaction everywhere. The oats are heavy, good sized, with thin hull, outyield nearly everything, will grow on rich soils and stand up.

Prices: ½ pk., 25c; pk., 40c; bu., \$1.15; 2½ to 10 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c. Sacks extra.

SILVER MINE.

A well-known variety, first introduced in 1895. A plump, white oat, quite early with smooth shiny kernels.

Prices: Pk., 40c; bu., \$1.10; 2½ to 10 bus. at \$1.00; 10 bus. at 95c; 25 bus. or over at 90c. (Sacks extra.)

GOLD MINE.

Gold Mine makes a big growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. Oats of a shiny golden yellow color. They always yield well regardless of season.

Prices: Pk., 40c; bu., \$1.05; 2½ to 10 bus. at 95c; 10 bus. at 90c; 25 bus. at 85c. (Sacks extra.)

WISCONSIN PEDIGREE No. 5.

A Pedigree Oat originated at the same time as Wisconsin Pedigree No. 1 at the Wisconsin Experiment Station. It is very different in type from the No. 1 however and has an entirely different origin, having been developed from Swedish Select. It is therefore in reality an improved Swedish Select.

Wisconsin Pedigree No. 5 is a very thick white oat, kernels rather short, heavy and attractive looking.

We recommend it for clay soils but not for heavy rich soils, as there it lodges easily.

Prices: Pk., 40c; bu., \$1.20; 2½ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00.

(Pound and half peck prices all varieties of oats, same as for Wisconsin Pedigree No. 7.)



Wisconsin Pedigree No. 5.



Field of Iowar Oats in Benton County, Iowa.

IOWAR.

"Best Oat Ever Developed by the Iowa Experiment Station."

The Iowar is an extra early white oat of Kherson type, newer than either Iowa 103 or Iowa 105. The outstanding characteristic of this variety is its ability to stand up well on rich ground. It has a wonderfully stiff straw, quite short, ripening extremely early like our White Kherson or Iowa No. 103.

Prof. H. D. Hughes, Chief in Farm Crops, Iowa State College, writes us December 5th, 1922: "The Iowar has given splendid yields in the large number of tests made with it throughout Iowa and we believe it will be better suited to your Wisconsin conditions though Iowa 103, I understand, has given splendid results there."

W. O. Brant, County Agent of Benton County, Iowa, says: "The Benton County Farm Bureau has conducted about 45 tests with these oats during the last 3 years and they have yielded about 7 bushels more than the average of all other varieties. The Iowar is the best oat ever developed by the Iowa Experiment Station both in strength of straw and in yield."

Mr. W. E. Bishop, our Golden Glow corn man, who grew part of our stock of Iowar oats for us, says: "I think they are more nearly the ideal oats for this section than any we have yet seen. The straw is very stiff and strong and does not lodge easily, and is not so long that the binder cannot handle it readily when it does lodge. The white color of the grain makes them more desirable than the Iowa No. 105. And last but not least the yield is very satisfactory, running this year a little over 80 bushels per acre. Quite a few of the farmers around here are asking for them."

We have also very fine heavy Iowar oats grown for us by farmers right here in Dane County. Mention the stock preferred, Dane County or Trempealeau County, in ordering.

Prices of Iowar for 1923: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.25; $2\frac{1}{2}$ bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05. Sacks extra at 15c.

REGENERATED SWEDISH SELECT.

Regenerated Swedish Select Oats originated with the Garton Seed Company of England. To "regenerate" is to make new, to re-create, and that is just what was done by the Garton people. They gave us something ahead of the original Swedish Select. They produced the finest oats ever seen in this country, heavy and plump and perfectly pure.

We have a limited stock of Regenerated Swedish Select, originally from Garton seed, grown by R. H. Lang of Jefferson County, Wisconsin. This stock is pure, clean and heavy.

Prices: Pk., 40c; bu., \$1.25; $2\frac{1}{2}$ to 10 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. at \$1.05.

OLDS' SCOTTISH CHIEF.

A new variety that we introduced a few years ago. A thoroughbred, imported from Scotland. It is a tremendously vigorous grower, with strong stiff straw and large bushy heads filled with the largest, pure white, plump heavy oats. It is emphatically "a show oat" and on account of its fine appearance will always command the very best price on the market.

Prices: Pk. 40c; bu., \$1.15; $2\frac{1}{2}$ to 10 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c.

OLDS' WHITE KHERSON

(Iowa No. 103)

The Prize Oat of the World.

Oldest Seed
IOWA
WISCONSIN
MADE

Oldest's White Kherson is a distinct variety originated at the Iowa Experiment Station. It was sent out for trial a few years ago to a select list of prominent farmers including Mr. H. E. Krueger, Wisconsin's famous grain expert. Mr. Krueger named these oats "White Kherson" because they possessed so many of the characteristics of the Kherson, being just as early but white instead of yellow. Mr. Krueger says they yielded 20 bushels more per acre than Wisconsin Pedigree No. 1, were 2 weeks earlier and were heavier, running 3 bushels per bag.

Mr. Krueger showed these oats at the Dry Farming Congress Exhibition at Wichita, Kansas, in 1914 and in 1915 and secured both years "First on White Oats, Open to the World" and then "Sweepstakes" On All Oats.

Prof. Burnett of the Iowa Agricultural College says: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has out-yielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

We have a fine large stock of this variety to offer and expect a great demand for them as they are just the type of oat wanted now, something that will escape the hot dry weather.

Prices: Pk., 35c; bu., \$1.05; $2\frac{1}{2}$ to 10 bus. at 95c; 10 bus. at 90c; 25 bus. at 85c.

Note—Oat prices are subject to change after Feb. 1st. Ask for "Weekly Price List." Samples showing tests, free on application. Ask for the ones wanted. Pound and half peck prices all varieties same as for State's Pride.



Oldest's White Kherson

OLDS' SEED BARLEY

Wisconsin produces one-eighth of all the barley grown in the United States and we are located right in the midst of the best barley growing section of the state. We are headquarters for Wisconsin Pedigree "the only barley."



Wisconsin Pedigree Barley, Grown by J. M. Blaska, Near Madison. This Field Averaged 50 Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY.

THE WORLD'S CHAMPION BARLEY.

Wisconsin is a great barley state and Wisconsin barley leads the world. In average yield per acre Wisconsin was ahead of Iowa, Minnesota and Michigan, the principal other barley states, for the 10 years, 1910 to 1919. Twenty-five years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of everything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley.

There is really only one variety of barley in the world now worth considering—Wisconsin Pedigree.

Wisconsin Pedigree Barley is the result of 12 years of painstaking breeding work carried on by Prof. R. A. Moore, Agronomist at the Wisconsin College of Agriculture. Prof. Moore started with 10 varieties of barley as the foundation. After 3 years of comparative trials only 4 of the most promising were retained from which to establish pedigreed strains. These were grown in small plots for several seasons, the best plants being selected for seed each year. In 1902 motherbeds of 2500 plants were planted for each of the 4 varieties. From each motherbed the 20 best plants were selected and placed in envelopes. In 1903 the ten best plants of each variety were taken and the best seed of each used to establish centgener plots. These centgener plots each containing a hundred seeds were tested for three successive years to determine yield and other desirable characteristics. The best heads were selected from each centgener plot the first year of the test and the succeeding years a close comparison was made and the number of strains gradually reduced. In 1909 the pedigreed stock was finally sent out for trial over the state through the members of the Wisconsin Experiment Association. We first introduced it in 1911 and have catalogued it ever since.

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

- First:—It outyields all others. The average yield in Wisconsin for 5 years was 22 per cent above the yield of all other barley. Many yields of 50 bushels per acre and over have been reported and some as high as 75 bushels.
- Second:—Plumpness of Grain. All who have grown it notice the unusually plump kernels.
- Third:—Stiffness of Straw. Stands up better than Oderbrucker or Mandschueri.
- Fourth:—Vigor of growth. Taller than any other barley. We have measured plants five feet high.
- Fifth:—Uniformity. All the kernels are alike, an important matter with barley.
- Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.
- Seventh:—Large Heads. Many speak of the unusually long, large heads.

Our stock of Wisconsin Pedigree this year was practically all grown right here in Dane County by our best growers, most of it from new seed free of oats that we procured last spring from the University Farm.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1923.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 25c; pk., 45c; bu. (48 lbs.) \$1.40; 2 bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20. Heavy jute sacks, holding two bushels each, extra at 15c.

ODERBRUCKER. (WISCONSIN NO. 55.)

Oderbrucker Barley was first offered in 1907. It is the best six-rowed barley in cultivation with the exception of Wisconsin Pedigree. Prof. Moore says its feeding value should be especially emphasized as it has a protein content of 15 per cent, or nearly double the amount of protein found in most other varieties. It is a stiff strawed, heavy-yielding, bearded variety. Prices, same as for Wisconsin Pedigree.



Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 1/2 pk., 40c; pk., \$1.40; bu. (56 lbs.), \$4.25; 2 bus. at \$4.15; 10 bus. at \$4.10. Bags extra at 40c.

COMMON FLAX.

Prices: Pk., \$1.15; bu., \$3.50; 2 bus. at \$3.40; 10 bus. at \$3.35. Bags extra.

OLDS' SPRING RYE.



Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop. Grows a tall strong straw six feet high and produces 30 to 40 bushels per acre.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 40c; pk., 75c; bu., \$2.25; 2 bus. at \$2.15; 10 bus. at \$2.10; 25 bus. at \$2.05. Bags extra.



Sheaf of Speltz.

OLDS' MONTANA WHITE HULLESS.
No Beards or Hulls. Yields 60 Bushels Per Acre.
White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, and will yield nearly twice as much. It succeeds in all barley-growing regions, and also in sections where common barley is not grown at all.

It is very early, thus making a splendid nurse crop for seeding with clover or alfalfa; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre. Sow in spring, 1 1/2 bushels per acre, and treat just as you would any other barley. Specially fine for poultry and for grinding for hogs.

For several years we have had White Hulless Barley from Montana as it grows there to perfection. Our customers who have had this seed know how fine it is. Plump, fat kernels of a beautiful bright color, it looks like the finest grade of wheat, only the kernels are larger. Our stock this year is as fine as usual and is all Montana grown.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 45c; pk., 85c; bu. (48 lbs.), \$2.50; 2 to 10 bus. at \$2.40; 10 bus. at \$2.35; 25 bus. at \$2.30. Grain bags extra at 40c.

JAPANESE BUCKWHEAT.

Succeeds well in the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow buckwheat from June 10 to July 10, one bushel per acre.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 35c; pk., 60c; bu. (50 lbs.), \$1.75; 2 to 10 bus. at \$1.65; 10 bus. at \$1.60; 25 bus. or over at \$1.55. Sacks extra at 15c.

SILVER HULL BUCKWHEAT.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Very productive and fine for grinding. Prices, same as for Japanese.

MIXED BUCKWHEAT.

Many growers consider it an advantage to mix Japanese and Silver Hull for sowing. The Japanese is taller than the Silver Hull but less branching. The two together fully occupy the land and the result is a larger yield. We have quite a stock this year already mixed as it is grown that way, by some of the best buckwheat farmers around Madison.

Prices: 1/2 pk., 30c; pk., 55c; bus., \$1.60; 2 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. at \$1.40. Sacks extra at 15c.

NO. 52 RESISTANT FLAX.

A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant.

SPELTZ OR EMMER. THE GREAT RUSSIAN GRAIN.

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. It usually averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be grown anywhere.

Second. It yields more bushels per acre than either oats or barley.

Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth.

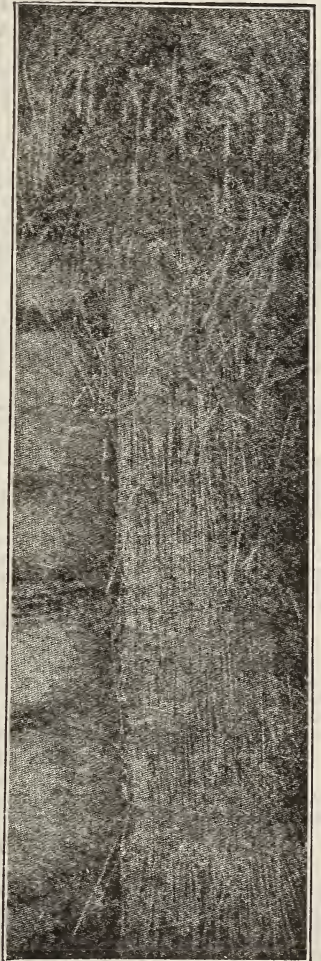
Fourth. It has such a very stiff straw that it stands up when oats and barley lodge.

Fifth. It makes a well balanced feed for horses, cattle or hogs, as the large hull gives it the light-

ness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn.

Sow the same as barley or oats about 100 pounds or 2 1/2 bushels per acre. It ripens about with oats.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 25c; pk., 45c; bu. (40 lbs.), \$1.30; 100 lbs., \$3.25; 500 lbs. at \$3.15; 1,000 lbs. at \$3.10. Sacks extra at 15c.



Olds' Spring Rye.

OLDS' SEED WHEAT

Wisconsin stood first in yield per acre of wheat for the 10 years, 1910 to 1919, of the six states—Wisconsin, Minnesota, Iowa, Illinois, Indiana and Michigan.



Field of Marquis on Farm of A. J. Vieth, Dane County, Wisconsin.

MARQUIS SPRING WHEAT (Best of all Varieties)

The Wheat That Has Displaced All Other Varieties.

Marquis wheat is in a class by itself. It is different. It produces great yields of splendid wheat on old farms everywhere, where it was not supposed that wheat would succeed at all. Farmers all over the Middle West tried out Marquis in 1918 in response to the urgent request of the Government to grow more wheat. They were all sorry they did not sow larger acreages. Why, it was nothing uncommon for farmers in southern Wisconsin and northern Illinois to report yields of 40 bushels per acre and over and down in Will County, Illinois, the farmers secured yields as high as 60 bushels per acre, where they had not grown wheat in years.

Paul R. Lisher, Farm Advisor for Will County, Illinois, wrote Sept. 3, 1918: "I am very glad to report to you that from the Marquis spring wheat purchased from you last spring that some of our farmers have secured yields as high as 60 bushels per acre. Every one who has seen or used this wheat has commented upon its quality. Evidently it was the finest seed ever brought into this territory. However, there has been only a small acreage grown here before this year. Yields of 50 bushels per acre are relatively common and practically all the wheat from this seed has yielded 45 bushels per acre or better."

We shipped four carloads of this wheat into Will County on Mr. Lisher's orders.

Origin. Marquis wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Dr. Saunders says:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield was at the rate of 81½ bushels. Marquis is an excellent hard wheat ripening about a week earlier than Red Fife."

Description. Marquis is a hard red spring wheat, grading No. 1 Northern, which brings the top price, but is quite different in appearance from Fife and other hard spring varieties. The grains are short and thick and very plump making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff strong straw of good length. It ripens early, a little ahead of other spring varieties.

Marquis has proved itself out all over the middle West. It has done well on old established farms as well as on new lands nearly everywhere. Wheat is a staple. The country must have it. The world must have it. We do not recommend sowing your whole farm to Marquis wheat but sow some. Study your soil conditions. Pick out the best place for wheat. Use some commercial fertilizers. See page 91. And last of all, procure good seed.

Most of our stock of Marquis this year is Montana grown. It is beautiful wheat—plump, bright, clean and full of vitality. We know it will please our customers and we are confident it will do well here in the central west. Why not try out spring wheat again this year? It may be just the year for it. If you could get 40 to 60 bushels per acre as the farmers of Wisconsin and Illinois did in 1918 it would be a mighty profitable crop. We have a limited stock of Wisconsin grown Marquis also that is nice although not as plump as the Montana. Mention the stock wanted if you have any preference.

PRICES OF MARQUIS WHEAT FOR 1923.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 40c; pk., 75c; bu., \$2.25; 2 bus. at \$2.15; 10 bus. at \$2.10; 25 bus. or over at \$2.05. Two bushel grain bags extra at 40c.

DURUM WHEAT. (MACARONI.)

It is only a few years since Durum Wheat was first introduced in this country, but it is now a leading variety. It was first sent out by the U. S. Dept. of Agriculture with strong recommendations as to its value for semi-arid lands. The acreage has constantly increased. As a rule it outyields any other variety of spring wheat; is very hardy, resisting extremes of weather which no other wheat will endure and is earlier than other wheat. All right also as a milling wheat but requires special machinery for grinding.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 40c; pk., 70c; bu., \$2.15; 2 to 10 bus. at \$2.05; 10 bus. at \$2.00; 25 bus. at \$1.95. Bags extra.




Sheaf of Marquis.



Field of Wisconsin Wonder on the Krueger Farms.

WISCONSIN WONDER SPRING WHEAT

EARLIEST WHEAT KNOWN IN AMERICA.

 Wisconsin Wonder is a new variety of wheat from Henry Krueger. We offered it three years ago for the first time. Its distinguishing characteristic is its extreme earliness. Mr. Krueger says:

"It is as early as barley or Kherson oats. Just the thing for seeding alfalfa or clover. We harvested it before winter wheat and cut a crop of clover on the same field September 9th that yielded two tons of hay per acre. This wheat gets ahead of rust or blight. Straw not over 30 inches long. What's the use of handling so much straw when you can get more seed with less straw."

Mr. Krueger won sweepstakes on this wheat at the International Wheat Show at Wichita, Kansas, three years in succession, 1915, 1916 and 1917. This shows it is real wheat.

Describing Wisconsin Wonder further: it is a bearded wheat with short, stiff straw; it is a hard red wheat, something like Red Fife in appearance and will grade No. 1 Northern. It never lodges even on rich ground and its remarkable earliness puts it in a class by itself, making it of greatest value as a nurse crop for clover and alfalfa.

Swartz Bros. of Cornfalfa Farms, Waukesha County, Wisconsin, say:

"We have grown this wheat as a nurse crop for alfalfa the past four years and do say it's the best nurse crop known for alfalfa. Sow two bushels to two and one-half bushels to the acre as it will not stool and will not lodge on rich ground. It ripens in from seventy to eighty days and shades but very little. We have always had an excellent catch of alfalfa and never a failure since we have used this wheat."

This was their written statement two years ago. Mr. Peter Swartz was in our office in October last and he said then that they still thought just as much as ever of Wisconsin Wonder Wheat and were using it exclusively as a nurse crop for their alfalfa, the crop that they are particularly interested in. He said they had tried Kherson oats but that they could not get the oats thin enough so but what the alfalfa was injured. He said Wisconsin Wonder Wheat is always much better than oats for sowing alfalfa with and that the grain is always worth much more to sell in market than oats.

This wheat has also been grown a little in Minnesota. Mr. C. M. Kelehan, a County Agent of Minnesota, reports a yield from one field of Wisconsin Wonder of 46 bushels per acre.

Our stock of Wisconsin Wonder this year is mostly from Swartz Brothers. Order early as the supply is limited.

PRICES OF WISCONSIN WONDER WHEAT FOR 1923.

By mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., 50c; pk., 90c; bu., \$2.75; 2 bus. at \$2.65; 10 bus. at \$2.60; 25 bus. or over at \$2.55. Bags extra at 40c.

Use Formaldehyde to prevent smut in grain. See page 93.

OLDS' WINTER WHEAT AND RYE.

We have splendid winter wheat and rye, the best varieties, all grown right here near Madison by careful growers. Write us for complete descriptions and prices when your are ready to buy next summer or fall.

WINTER WHEAT.

Present prices of all varieties—By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 35c; pk., 65c; bu., \$2.00; 2 bus. at \$1.90; 10 bus. at \$1.85; 25 bus. at \$1.80. Bags extra.

WISCONSIN PEDIGREE NO. 2.

Hardest and best for Wisconsin and the Northwest. Developed at the Wisconsin Experiment Station.

GLADDEN.

A new one from Ohio. Becoming very famous there, outyielding everything else. Bearded and much like Turkey Red in appearance.

WORLD'S CHAMPION.

The famous Krueger prize wheat. From Turkey Red and like it in appearance. Adapted to Wisconsin and mighty satisfactory.

IMPROVED TURKEY RED.

We have a splendid strain of this well known variety.

TRIPLET.

A strictly new variety from the State of Washington. Beardless. Two years' trial here has found it perfectly hardy and very satisfactory, outyielding our other varieties.

WINTER RYE.

Present prices, both varieties rye. By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., \$30c; pk., 55c; bu. (56 lbs.), \$1.60; 2 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. at \$1.40. Bags extra at 40c.

WISCONSIN PEDIGREE RYE.

Wisconsin's great variety. The result of 12 years' breeding at the Wisconsin Experiment Station. Heavy plump, uniform kernels.

ROSEN RYE.

A new variety from Michigan that is now becoming famous everywhere. Greatly outyields ordinary rye.

"Weeds." Poor yields are usually the result of an increase of weeds rather than decrease of fertility. 240 page book on scientific weed fighting. Only 50c, post-paid.

Note—All Field Seed prices are subject to change after February 1st. Ask for our "Weekly Price List" after that date.



A Field of Soy Beans Grown in the North for Hay.

SOY BEANS. (Great For Feed and For Enriching the Soil.)

"SOY BEANS. Seed, as a cash crop. Hay, when clover fails. Green Manure, when soil is poor. Silage, on all farms." Inscription under Soy Bean exhibit of Wisconsin Experiment Station at Wisconsin State Fair, 1922.

Soy Beans are being raised with success now in all the northern states as well as in the central and southern states. Many northern farmers are planting with corn for silage. In Iowa they grow with corn for "hogging" down.

As a dry bean they are immensely productive and are equal to oil meal in feeding value.

CULTURE: If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed in rows, a half bushel or a bushel of seed per acre may be profitably used, distributing the beans about one inch apart in the row. Do not plant too early. Never before corn planting time.

WISCONSIN BLACK. A pedigreed strain of Early Black developed at the Wisconsin Experiment Station. Earliest of all. The best variety to plant in the north for dry beans. Largely grown now all over Central and Northern Wisconsin. Our stock is all Wisconsin grown.

Prices, by mail: Pkt., 5c; lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 75c; pk., \$1.40; bu., (60 lbs.) \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.75. Bags free.

ITO SAN. Most popular early variety. Produces small yellow beans. Next in earliness to Wisconsin Pedigree Black. Matures dry beans in 95 days and very largely grown all through the central western states for the dry beans and for a hay crop. Sometimes called simply Early Yellow. We have both Wisconsin and Illinois grown seed.

Prices: Wisconsin Grown, same as for Wisconsin Black. Illinois Grown, 50 cents per 100 lbs. less.

MANCHU. A medium variety. Originally from northern Manchuria. Considerably larger than Ito San. Matures in about 110 days or less. Seeds yellow with a peculiar black seed scar. The favorite at the Wisconsin Experiment Station for hay and for silage and very highly recommended by them as the most satisfactory of all varieties for planting with corn for silage. In fact they place them ahead of everything else. Seed in great demand.

Prices, by mail: Lb., 25c. By freight: ½ pk., 75c; pk., \$1.40; bu., \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.75.

BLACK EYEBROW. Another variety from Manchuria found to be specially adapted to northern conditions for both grain and hay. About like Manchu in growth and season. Seeds black with brown saddle and black seed scar. Prices, same as for Manchu.

MIDWEST. Midwest is the new name given by the National Soy Bean Growers' Association to Medium Yellow. Mongol, A. K., Roosevelt and Hollybrook, as they consider those five varieties practically identical. These are the most widely grown medium-maturing soy beans and are excellent for hay, silage or hogging off. The plants are rather tall and erect, with medium-sized stems. Seed pale yellow with a light brown seed scar. They require 115 to 120 days to fully mature seed but are alright for planting in the north for silage or for hay where it is not desired to secure fully ripe beans. In fact, this variety is much better for silage or hay than the early varieties because it grows larger.

Our stock is Illinois grown and known there as Mongol and A. K., but the Hollybrook of Ohio and Indiana and the Medium Yellow of Missouri and Iowa are identically the same thing as stated above.

Prices, by mail: Lb., 25c. By freight: ½ pk., 65c; pk., \$1.20; bu., \$3.60; 100 lbs., \$6.00; 500 lbs. at \$5.75.

Note. For further information on Soy Beans write Wis. Coll. of Agr., Madison, Wis., for "Bulletin No. 289;" Ill. Coll. of Agri., Urbana, Ill., for "Bulletin No. 198;" or Iowa Coll. of Agr., Ames, Iowa, for "Bulletin No. 68."

COW PEAS.

Sow broadcast after corn planting, 1½ bushels per acre. If sown too early seed will rot. Inoculate before sowing.

WHIPPOORWILL. The standard variety. Seeds brown in color. Most popular of all Cow Peas.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 60c; pk., \$1.35; bu., (60 lbs.) \$4.05; 100 lbs., \$6.75; 500 lbs. at \$6.50. Prices for Cow Peas include bags. Crop short.

NEW ERA. Earlier than Whippoorwill. Small blue seeds.

Prices: Pk., \$1.20; bu., \$3.60; 100 lbs., \$6.00; 500 lbs. at \$4.75. Smaller quantities same as Whippoorwill.

Note.—All Soy Bean and Cow Pea prices are subject to change after Feb. 1st. Consult "Weekly Price List."





Dwarf Essex Rape Makes The Ideal Sheep Pasture.

OLDS' FIELD BEANS.

WHITE NAVY. Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; ½ pk., \$1.10; pk., \$2.00; bu., \$6.00; 100 lbs., \$10.00; 500 lbs. at \$9.75. Bags free. Wisconsin grown seed.

RED KIDNEY. Large handsome red beans. In great demand with the fancy trade. Our seed is the best Wisconsin grown.

Prices: Same as for White Navy.

OLDS' WISCONSIN FIELD PEAS.

WHITE CANADA. Sometimes called Yellow Canada. The best known variety. Should be sown more largely. Makes splendid hay. Sow 1½ to 2 bu. per acre broadcast with oats. Our stock is fancy Wisconsin grown. The same is true of all the other field peas we offer. This stock costs more than the ordinary field peas grown in the west, but in our judgment is worth much more for seed purposes. We recommend buying early as prices are likely to be higher.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 70c; pk., \$1.30; bu. (60 lbs.), \$3.90; 100 lbs., \$6.50; 500 lbs. at \$6.25. Bags free.

GREEN CANADA. Much the same as White Canada except that the peas are green in color. Crop short. Prices by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 90c; pk., \$1.70; bu., \$5.10; 100 lbs., \$8.50.

WHITE MARROWFAT. Vines large with well-filled pods of large peas. Our stock is Northern Wisconsin grown.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., 90c; pk., \$1.75; bu., \$5.25; 100 lbs., \$8.75; 500 lbs. at \$8.50.

SCOTCH BEAUTY. A blue pea of fine quality. Very popular for soups. Prices: Same as for White Marrowfat.

SAND OR WINTER VETCH (VICIA VILLOSA).

A very valuable leguminous plant. Highly recommended by the Wisconsin Experiment Station, especially for lighter soils. Fall is the best time for sowing but it can also be sown in the spring. Sow with rye in September or early October, 15 to 20 pounds of vetch and ½ bushel rye per acre or sow in spring the same way with ½ bu. of oats or barley for a support. Makes very fine fall and winter pasture and it can also be pastured in early spring. Then it can be plowed under or left for a hay crop if preferred. It not only makes the finest kind of feed, but it brings an immense amount of fertility to the soil. The seed we offer is of the best quality, American grown seed, free from cockle, so common in Vetch seed.

Do not confuse Winter Vetch with Spring Vetch. Spring Vetch we do not recommend for sowing in the north at all, and we do not handle it but remember, Winter Vetch can be sown in the spring all right.

Prices, by mail: Lb., 40c; 3 lbs., \$1.00. By freight: Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 100 lbs., \$20.00; 500 lbs. at \$19.50. Bags free. (Ask for Illustrated Bulletin, "Vetch and Its Culture.")

Note. Prices for everything on this page include bags. Prices are subject to change after February first. Ask for our "Weekly Price List" after that date. Samples showing purity and germination tests furnished free on application.

Use Nitragin for Peas, Beans and Vetch. See page 7. White Kaffir (See page 24).

DWARF ESSEX RAPE.

Every farmer should have a patch of rape. There is nothing that will make as quick pasture and it is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle.

Dwarf Essex Rape furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown in the following ways:

1. In early spring for sheep and hog pasture, 5 to 10 pounds per acre.
 2. With spring grain, 2 pounds per acre to provide sheep pasture after harvest. In this case do not sow the rape until the grain is about up.
 3. Alone in June or July, on newly plowed land.
 4. With corn just before the last cultivation.
 5. With rye, in August or September, for late pasture.
- A word about the seed. We buy in car lots and handle only the best and purest number one Dwarf Essex seed that is entirely free from bird rape, mustard and everything of that sort. The Dwarf Essex is the desirable variety of rape, and the only one recommended. Do not buy anything else.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$9.00; 500 lbs. at \$8.75. Bags free.

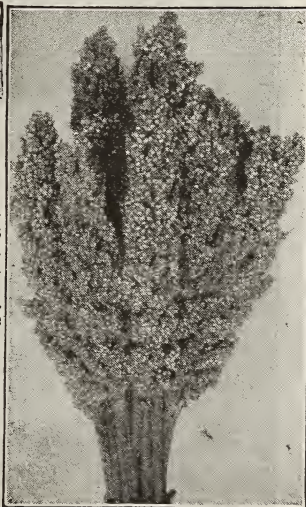


"A Field of Rape is of Inestimable Value in Maturing Profitable Porkers." Breeders' Gazette.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$9.00; 500 lbs. at \$8.75. Bags free.



Winter Vetch.





Field of our Improved Early Amber, Grown in Minnesota.



Sudan Grass.

EARLY AMBER CANE

The most important thing in raising sorghum is to have the right kind of seed. We have an improved strain of Early Amber to offer this year, grown in Minnesota. This strain has been developed by selective breeding through a term of years for hardness and early maturity. With this seed it is not necessary to plant as early and the most of the work, so far as handling weeds is concerned, can be done before planting time by thorough disking and harrowing.

Culture. Plant about the middle or last of May, after the ground becomes warm, preferably on fall plowed land, in rows 3 to 4 feet wide, hills 2 to 3 feet apart, putting 10 to 15 seeds in a hill and later thinning to 6 or 8 stalks. This is for syrup making purposes and requires about 4 to 6 pounds of seed per acre. For fodder purposes drill thicker in the row, 15 to 18 pounds per acre. An

ordinary corn planter will handle the seed in either case but do not plant more than an inch in depth. Some farmers of late years are planting corn and sorghum together for silage. This gives them a larger yield per acre and also greatly improves the quality of the silage. We have no southern cane this year. Crop was about a failure. However, our special northern grown strain is just as desirable for fodder as for syrup.

Prices, by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$8.50; 500 lbs. at \$8.25.

EARLY ORANGE CANE.

A week later than Early Amber. Our seed is Illinois grown.

Prices: 100 lbs., \$8.00; 500 lbs. at \$7.75. Smaller quantities same as Early Amber.

WHITE KAFFIR CORN.

(See illustration preceding page.)

Makes the best kind of fodder for cattle or horses, and is easily grown. The seed is splendid for poultry.

Sow in rows 2½ to 3½ feet apart and cultivate the same as corn. Five to ten lbs. will seed an acre in rows, or ½ bu. broadcast. Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$3.50.

SUDAN GRASS. (The Great New Hay Crop.)

Produces twice as much hay per acre as any of the common forage plants.

Sudan Grass is comparatively new but becoming immensely popular. It took six carloads of seed to supply our trade in Sudan Grass last season. It is of greater value than millet or any of the sorghums. It will grow wherever millet grows, is just as easily handled, and produces more hay per acre and of better quality.

It makes a heavy yield, four to six tons of cured hay per acre. Two cuttings a season can usually be made. The hay is first class in quality, equal to timothy hay in feeding value and better than millet. All kinds of stock eat it readily. It is easily and cheaply grown. Sow broadcast and harrow in the same as oats, 15 to 20 pounds per acre, any time from May 15th to July 1st. Do not sow too early. Sudan Grass is a warm weather crop the same as millet and if sown too early will not do anything. Cut for hay just before the seed matures.

There is nothing objectionable about Sudan Grass. It is not only grown at slight expense for seed and labor but it is an easy crop on the land, at any rate no harder on the land than millet or timothy. It is easily gotten rid of as it is strictly an annual and is completely killed by frost. Sudan Grass is certainly great. For an emergency hay crop, both for quantity and quality, it is very satisfactory. Every farm should have some. Order early as crop was short and prices are likely to be higher.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.15; 10 lbs., \$2.00; 100 lbs., \$17.50; 500 lbs. at \$17.25. Bags free.

MILO MAIZE.

A variety of sorghum, fine for dry weather. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing ¾ of a pound each. Plant same as Kaffir Corn.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$3.50.

FETERITA.


Feterita is rather a recent introduction and it has already made a great name for itself. It is 25 days earlier than Kaffir Corn, outyields Kaffir and is little affected by drought. Culture same as for Kaffir Corn.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$3.75.

Note—Bags free for everything on this page. Write for special prices in large quantities and for new price list after February 1st.



Feterita, the Great Drouth-Resister.



WHITE WONDER MILLET

WHITE WONDER MILLET.

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and also in the north; it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches in length and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as much as that of Golden Millet.

Another very desirable feature of White Wonder Millet is its earliness. It is earlier than Golden.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets. The seed is beautiful seed, the prettiest millet we ever saw.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.00; 500 lbs. at \$4.85.

"Quack Grass Eradication." Mr. Crane's own story of his battle with quack grass on a 320 acre farm and the methods which brought success. A valuable book. Price \$2.00, postpaid.

JAPANESE MILLET. (BILLION DOLLAR GRASS.)

Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; makes more hay than Golden or any other kind of millet, and requires less seed per acre; produces a crop in a very short time, is relished as hay by stock of all kinds, or, if allowed to ripen, will produce a heavy yield of seed which can be used for feed.

Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out. Or it can be left to ripen and then threshed the same as timothy. Our halftone illustration, showing heads of Japanese Millet over six inches long, gives some idea of the immense seed production.

This is the time to sow Japanese Millet and sow it freely. While all other millets were a short crop Japanese did well and we have a large stock to offer.

Prices: Wisconsin grown seed: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 75c; 100 lbs., \$3.75; 500 lbs. at \$3.60. Jute sacks extra at 15c.

Kansas Grown Japanese: 100 lbs., \$3.50; 500 lbs. at \$3.35.

HOG OR BROOM CORN MILLET. Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large plump seed, as high as 60 or 70 bushels per acre. This seed is fine for poultry.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.75; 500 lbs. at \$4.60. Bags extra at 40c.

MAMMOTH RUSSIAN SUNFLOWER.

A great food for poultry and hogs. Also grown quite largely now for silage. It makes a larger amount of feed than ensilage corn and is claimed to be superior in feeding value to corn. Our stock is very fine American grown seed.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$10.00; 500 lbs. at \$9.75.



GOLDEN MILLET (Formerly German)

The most popular of all millets. Grows larger than Common Millet, and is more productive.

Our main stock of Golden Millet this year is Kansas grown and is genuine Golden or German and not Common. It has the true Golden color, uniform, round and plump.

We have also a limited amount of Wisconsin grown seed from Kansas Golden of last year. The Wisconsin grown is lighter in color, more like common millet in appearance. In fact Golden Millet tends to become like Common on being sown in the north.

Prices: Fancy Kansas, by freight: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.00; 500 lbs. at \$4.85. Bags extra at 40c.

Wisconsin Golden: 100 lbs., \$4.75; 500 lbs. at \$4.60.

COMMON MILLET. A little earlier than Golden Millet. Seed white instead of yellow. We have some choice seed to offer and as the price this year is much below the price of Golden we advise sowing it in preference to Golden. All millet is high enough this year. Crop was short in the southwest where most of the millet is grown.

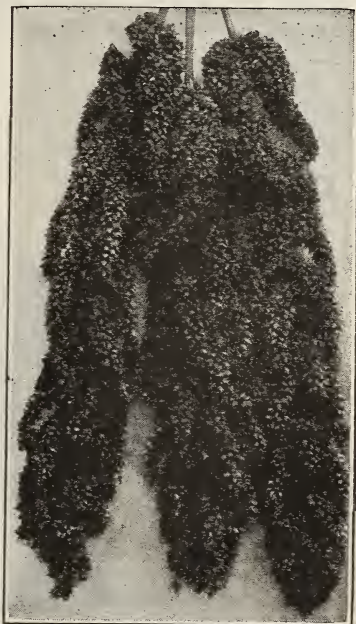
Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.25; 500 lbs. at \$4.10.

HUNGARIAN. A very popular variety of millet, a week earlier than Golden Millet. Our stock is northern Indiana and northern Illinois grown and very fine. Why not sow Hungarian this year instead of Golden? It is much cheaper.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.00; 500 lbs. at \$3.85.

(One pound, any variety of millet by mail, 25c; 3 lbs., 60c. By freight: Lb., 20c.)

Note. All Field Seed prices may be changed after February first. Ask for "Weekly Price List." Bags are extra for all Millets.



Japanese Millet.

SEED POTATO DEPARTMENT

OLDS' SEED POTATOES—What They Are.



Olds' Seed Potatoes have had a national reputation for years. We began with nothing but Seed Potatoes 35 years ago. Have made a specialty of them ever since. We always have choice stock and this year is no exception. In fact our stock is unusually fine this year. There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are mostly grown on contract specially for seed and from select stocks. This will be the year to plant because the other fellow will not plant owing to the low market price of potatoes. It is also the year to change your seed and get something better because you can do it this year at small expense.

CERTIFIED STOCK. All of our Wisconsin grown potatoes are "Certified Stock." That means that they have been inspected and O. K.'d both when growing and after being dug, by the Wisconsin Potato Growers' Association, an organization under the supervision of the Wisconsin College of Agriculture with headquarters here at Madison. An official red label tag will be used with every order filled from this certified stock reading as follows:

"This Seed is Certified as Regards:

1. Freedom from mixtures and reasonable conformity to the correct vine and tuber characteristics of the variety.
2. Freedom from black wart and powdery scab, and from serious infection with any other disease."

GOVERNMENT GRADED. Our Seed Potatoes are Government Grade No. 1. That means we use the rules for grading established by the U. S. Dept. of Agriculture. The specifications are as follows:

"U. S. Grade No. 1. This grade shall consist of sound potatoes of similar varietal characteristics, which are practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot, and damage caused by disease, insects, or mechanical means. The minimum diameter shall be one and seven-eighths inches."

LARGE BARRELS: Our barrels hold exactly 172 pounds each, net weight, the Wisconsin barrel. The old barrel was only 165 pounds, or about 12 pecks by measure. Our prices include barrels. Remember that. Peck and bushel orders are shipped in sacks or in boxes. No charge for containers of any kind for potatoes.

PACKING AND SHIPPING. We are in the best possible position to make prompt shipments, as we have our own side-tracks and load potatoes direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels furnished free. Later in the season, we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

OLDS' IMPROVED EARLY OHIO.

The well-known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed. This year is a good time to secure some of our pure, high-grade, vigorous seed.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them to customers all over the United States.

All of the Ohios we offer this year were grown by Mr. Henry Schroeder, the "Potato King" of the Red River Valley. Mr. Schroeder's stock is really "Pedigree Stock," bred up and selected during a long term of years. It is not only pure and free from disease but will produce as it has the breeding in it.

PRICES OF OLDS' IMPROVED EARLY OHIOS FOR 1923.

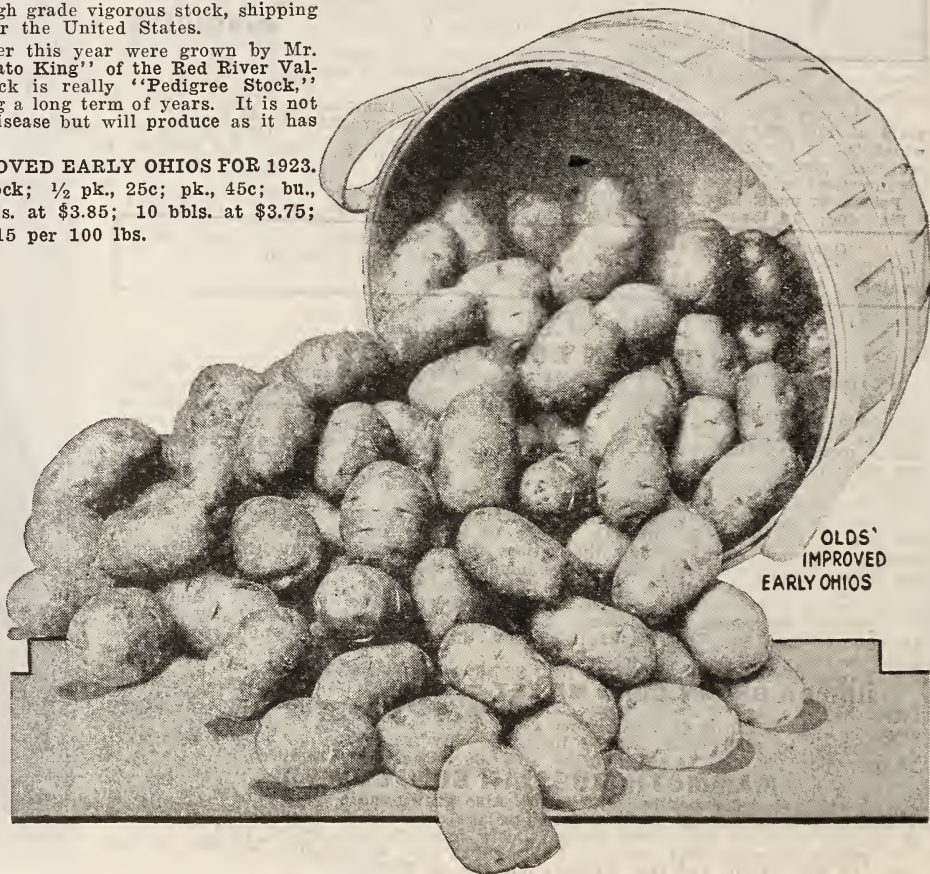
Red River Schroeder Stock; 1/2 pk., 25c; pk., 45c; bu., \$1.50; bbl., \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75; 10 bus. (in sacks) at \$2.15 per 100 lbs.

POUND PRICES. Any variety of potatoes on our list. By mail: One pound (about 3 good tubers) 25c; 3 lbs., 50c; postpaid. By freight or express: Lb., 20c. Not less than one pound of a variety sold.

Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents.

Prices Subject to Change. The potato prices given in this catalog are in effect until February first. Ask for "Weekly Price List" for prices after that date. The prices may be higher. They may be lower.

Use Formaldehyde to prevent scab on potatoes. See page 93. Ask for one of the bulletins we offer.



OLDS'
IMPROVED
EARLY OHIOS

OLDS' RED RIVER SIX WEEKS.



A famous extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other earlies. Six Weeks belongs to the Ohio family, resembles Early Ohio, but is usually just a little redder in color as well as being a little earlier. It makes an extremely quick growth, grows very compactly and yields as much as Early Ohio.

Our Six Weeks this year are all Red River grown from the same locality in North Dakota where we have had them grown for some years. They are beauties, smooth, nice shape, pure and clean.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.60; bbl., \$4.25; 5 bbls. at \$4.10; 10 bbls. at \$4.00; 600 lbs. at \$2.25 per 100 lbs.



OLDS' IMPROVED IRISH COBBLER.

Next to Early Ohio the Most Popular Early Potato.

Irish Cobbler has been for some years the most famous early potato in the East. In the potato sections of Maine it has been more largely grown than all other earlies and has been shipped from there in large quantities to supply the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties.

On our trial grounds Irish Cobbler yielded a third more than Early Ohio, although a little later. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

We have both Red River and Wisconsin grown stock of our pure improved Irish Cobblers to offer.

Our Red River stock is all from Henry Schroeder and that is enough to say about them. They can be relied upon. Our Wisconsin stock is all certified and from the northern counties. This Wisconsin stock is very fine indeed and runs a little smoother than the Red River stock.

Prices, either stock: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.60; bbl., \$4.25; 5 bbls. at \$4.10; 10 bbls. at \$4.00; 10 bus. (in sacks) at \$2.25 per 100 lbs.

O. W. Bassett, Nebraska, writes: "I am writing to tell you about those two barrels of Irish Cobbler potatoes I got of you last spring. They planted one acre and the yield was 426 bushels by weight. They sell better than any other potato here. Will want seed for ten acres this spring."

E. G. Hills, New York, writes: "Two years ago this spring I ordered of you a few of your Irish Cobbler seed potatoes (certified seed). I had been raising the Irish Cobbler for exhibition for some years but could never get them nice enough to win at our State Fair. The first fall after ordering these from you I won first place (\$5.00) in a class of 15 entries. I never saw nicer potatoes."

Nathan H. Young, Minnesota, wrote Sept. 23, 1920: "In 1919 I bought of you one peck of White Beauty potatoes. This year I planted all I raised. I dug a few hills and took $\frac{1}{2}$ bushel to the Hincley Fair Sept. 15, 1920, and drew first prize; and then took them to Pine City, and captured first prize. They are sure white beauties and are the best eating potatoes we ever ate."



OLDS' RED RIVER TRIUMPH.



Bliss' Triumph is the standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Triumphs cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. Our Triumphs are all Red River grown.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.00; bbl., \$5.25; 5 bbls. at \$5.10; 10 bbls. at \$5.00; 10 bus. at \$2.65 per 100 lbs.



OLDS' WHITE BEAUTY
Introduced in 1919



OLDS' WHITE BEAUTY (Our 1919 Introduction).



We introduced this potato four years ago as a strictly new variety that promised to take a place right at the front in the list of valuable potatoes. It is certainly making good. It is a heavy yielding, high quality, main-crop variety. It has a distinct origin starting from a single seed ball in 1911.

Description. Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms like Rurals. Season medium, a little earlier than Rurals.

Value. We have something of great value in this new potato. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety in nearly all sections, but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. Its "new blood" tells. The North Dakota Experiment Station reported an official yield on it of 466 bushels per acre. In our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

Our White Beauties this year are all Northern Wisconsin grown and are all certified. Order liberally this year as the price is low and we know this variety will please you, either as a money crop or for home use.

PRICES OF OLDS' WHITE BEAUTY FOR 1923.

By mail: Lb., 25c; 3 lbs., 50c. By express or freight, not prepaid: Lb., 20c; 1/2 pk., 40c; pk., 65c; bu., \$2.00; bbl., \$5.00; 5 bbls. at \$4.85; 10 bbls. at \$4.75; 10 bus. (in sacks) at \$2.65 per 100 lbs., Not less than one pound sold.

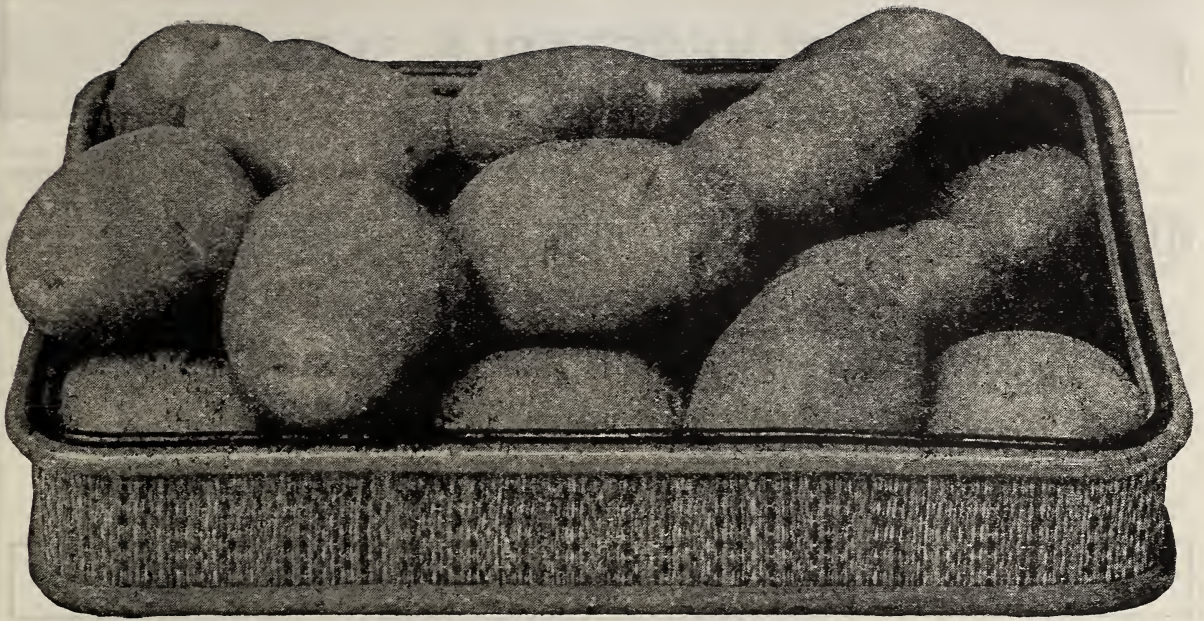
**OLDS' IMPROVED
CARMAN NO. 3**

**YIELD RECORD,
400 BUSHELS PER ACRE.**

This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers (like the illustration), even under the most unfavorable circumstances, and can be relied on.


Our stock, which is certified, is from Allen Fahland, Polk County, Northwestern Wisconsin. Mr. Fahland has grown Carman No. 3 for us for many years. He hill selects his seed and has improved the strain very much since he started. Prices: 1/2 pk., 25c; pk., 45c; bu. \$1.50; bbl., \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75; 10 bus. at \$2.15 per 100 lbs.





A Basket of Olds' Certified Improved Rural New Yorkers.


OLDS' IMPROVED RURAL NEW YORKER. THE POTATO FOR EVERYBODY

 Rural New Yorker is the most popular main crop variety in cultivation today. The Rural type does the best as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other standard variety. It is easily grown, a good keeper and always yields well, while its desirable shape, pure white skin and shallow eyes make it a good looker and seller. As a rule the quality is all right too. Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals. They are all certified and from northern Wisconsin. Farmers, everywhere! You who know what Rurals are and have found them a profitable variety to grow, Change your seed. Plant Olds' Improved Rural New Yorker and grow more bushels per acre, uniform in size and type like the potatoes shown in the basket. This is the year to do it.

Prices: 1/2 pk., 25c; pk., 45c; bu., \$1.50; bbl., \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75; 10 bus. at \$2.15 per 100.

OLDS' IMPROVED GREEN MOUNTAIN.

The Variety for Sandy Soils.

 Green Mountain is fast becoming the most popular variety in the potato counties of northern Wisconsin. It is somewhat earlier than Rural New Yorker and a little ahead of Rural in quality. In some sections of northern Wisconsin they even call Green Mountain an early variety. We would call it about medium in season. Does specially well on sandy soils. On clay soils is liable to grow rough. Green Mountain is a strong, vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white. The color and the thick netting indicate fine cooking qualities. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy and has a peculiarly fine flavor. As a yielder Green Mountain is near the top and on light soils and sandy soils is usually ahead of Rurals. On heavy soils plant White Beauty, Rural or Carman. All our Green Mountains are certified. That means freedom from mixtures, trueness to type and freedom from disease. See page 26 regarding this. Our stock this year was grown in Sawyer County, northern Wisconsin.

Prices: 1/2 pk., 25c; pk., 45c; bu., \$1.50; bbl., \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75; 10 bus. at \$2.15 per 100.

POUND PRICES. Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 50c; postpaid. By freight or express: Lb., 20c. Not less than one pound of a variety sold.

Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents.

Prices Subject to Change. The potato prices given in this catalog are in effect until February first. Ask for "Weekly Price List" for prices after that date.

POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each, any variety, labeled and carefully packed in damp moss in paraffin lined boxes. Orders will be filled at the right time for planting. We guarantee safe arrival in good condition.

We have been sending out potato eyes in this way now for several years and we know they give satisfaction. These are specially fine for customers living at a distance.

PRICES OF POTATO EYES, ALL VARIETIES.

- 160 Eyes, (one box) all one variety, your selection, \$1.40 by mail, postpaid.
- 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.50, postpaid.
- 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.60, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$3.20 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$3.35 by express, not prepaid.

(No orders accepted for less than 160 eyes.)



POTATO SEED-BALLS BY THE BUSHEL

POTATO BALL SEED.

We offer a fine stock of hybridized potato seed from the balls. Every seed makes a distinct variety.

Pkt., 15c; 2 pkts., 25c, postpaid.

OLDS' VEGETABLE SEEDS

We offer honest seeds, carefully grown, carefully handled and carefully tested. We keep a complete record of each lot of seeds showing when, how and where it was produced, when tested and the percentage that grew. This information will be furnished, on request.



Every seed package, large or small, that we send out bears a letter combination identifying the individual stock from which it was drawn. Where our **TRADE MARK** appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a (★) those we especially recommend for general cultivation.

ABOUT ERRORS. You know it takes a lot of extra help during the rush season to get the orders out promptly and no matter how vigilant we are or how many times we check up, a mistake will slip through sometimes, although rarely. If it happens to be on your order that we send peas instead of beans or a packet instead of a pound, don't take it as a personal insult or think that we mean to cheat. Just write us about it calmly and kindly and see how quickly we make good. We mean to treat every one fairly and we want you to feel that you are getting, and always will get, full value for your money when you buy from us.

FIVE REASONS WHY YOU SHOULD BUY OF OLDS.

1. You will get good, true to name seed.
2. Your order will be filled promptly, usually within 24 hours after it is received.
3. We guarantee safe delivery.
4. All matters requiring adjustment receive prompt and courteous attention.
5. We publish free cultural leaflets and our Service Department will gladly answer questions.

WE PAY POSTAGE ON ALL VEGETABLE SEEDS, FLOWER SEEDS, BULBS AND PLANTS AND DELIVER FREE TO ANY POST OFFICE IN THE UNITED STATES, UNLESS OTHERWISE MENTIONED.

OLDS' ASPARAGUS

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Leaflet on Asparagus Culture, free on request. Each Packet contains sufficient seed to plant 15 feet of drill. We recommend planting roots, however, rather than seed.

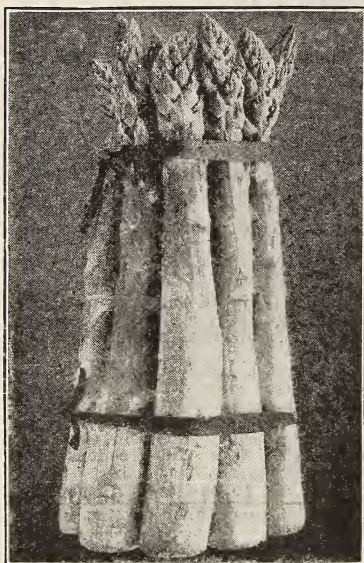
2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

6. **NEW GIANT RUST PROOF (Washington).** An extremely vigorous and high yielding strain of giant asparagus, the result of some fourteen years breeding work by the United States Bureau of Plant Industry. The stalks are larger and more tender than in other sorts and they seem to be entirely immune from attacks of the dreaded asparagus rust. An asparagus bed is more or less of a permanent investment and it is worth while starting with the best. Pkt., 15c; 2 pkts., 25c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

ASPARAGUS ROOTS. Out on our farm we grow thousands of asparagus roots, big vigorous fellows, the kind you like to plant. The soil is rich and loose and we thin the seedlings carefully, giving each room to develop. They grow rapidly and the blocks of feathery green are a sight worth seeing. Our roots are all dug in the spring when we are ready to ship and sent out in a live growing condition ready to take hold and thrive. Price **Columbian Mammoth White, Palmetto**, good strong roots, 25 for 45c; 100 for \$1.60. By express or freight, not prepaid: 100 for \$1.30; 1,000 for \$10.00.

NEW GIANT RUST PROOF (Washington). 25 for 75c; 100 for \$2.00. By express or freight: 100 for \$1.75; 1,000 for \$12.75.



RHUBARB. (Pie Plant).

In early spring the rich, tart, fruity flavor of rhubarb in sauce or pies seems to appeal more strongly than any other fruit of the season.

395. **LARGE VICTORIA.** A popular variety. See illustration. Rhubarb can be raised from seed very easily but the stalks should not be used until the plants have had a full season's growth. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 45c.

RHUBARB ROOTS. Vigorous whole roots grown on our own farm and fresh dug for each order. These will give big stalks soon after planting. 3 for 35c, 12 for \$1.00. Not prepaid: 25 for \$1.65; 100 for \$6.00.

GARLIC. A pungent bulb of the onion family used for flavoring sausage, dressings, etc., and for adding zest to salads. Easily grown. Bulbs, ½ lb., 30c; lb., 50c; 4 lbs., \$1.75.

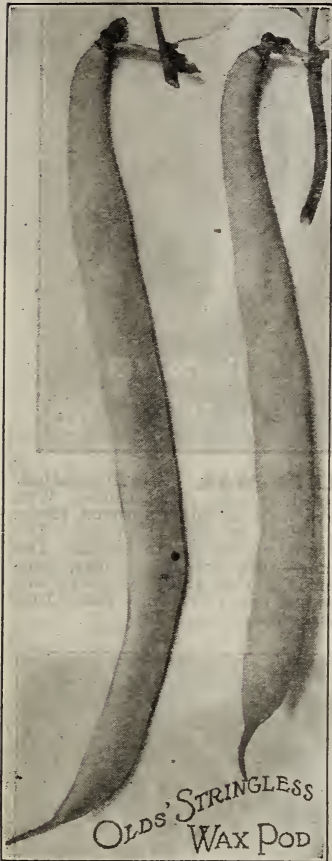
SWEET POTATO PLANTS. You can grow Sweet Potatoes easily in your garden. Thousands of our Wisconsin customers do it every year. Full directions sent with each order. Strong plants, 12 for 25c; 50 for 80c; 100 for \$1.50. We do not handle sweet potato tubers and cannot quote them.

HORSE RADISH. Good fresh dug sets. 12 for 20c; 100 for \$1.00.



BEANS

Our beans are Northern grown, thoroughly rogued, and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets each contain sufficient to plant from 10 to 15 feet of drill. One pound will plant 50 to 75 feet of drill; 1¼ bushels one acre. Beans weigh 60 lbs. to the bushel, except Lima Beans which weigh 56 pounds.



20½. ★**OLDS' EARLY STRINGLESS WAX.** See illustration, also page 2. A new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod. Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods. The pods average six inches in length, are light yellow in color, well filled and meaty; they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.

We have been growing this bean for several years and by careful roguing and selection have greatly improved it. The crop this year in common with the crop of other varieties of beans is good and our price for a new variety is very reasonable. Pkt., 10c; lb., 35c; 2 lbs., 60c.



19½. **OLDS' LATE STRINGLESS WAX.** New Stringless Wax Pod—Our 1921 Introduction. See illustration. Olds' Late Stringless Wax Pod is a selection from Burpee's Stringless Green Pod, but excels even that variety in delicious table quality. The long handsome waxy yellow pods are brittle, very meaty, and perfectly round. They are crisp, tender and entirely stringless. It is a heavy yielder and the plants withstand unfavorable weather and soil conditions better than do most other varieties.

In season it immediately follows Olds' Early Stringless Wax, the two forming a close succession if the seed is planted at the same time. Pkt., 15c; lb., 40c; 2 lbs., 70c.

OLDS' EARLY STRINGLESS AND OLDS' LATE STRINGLESS WAX POD BEANS. One pkt., each, 20c; one lb., each, 65c.

REMEMBER. We pay the postage on beans, regardless of zone, unless otherwise mentioned. See page 33 for prices of Beans by express or freight.



13. BOUNTIFUL. A new stringless Bush Bean. Extra early, tender, large-podded (see above), and a bountiful yielder. The flat green pods are absolutely stringless, melting, tender and having a delicious flavor. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. In addition, is most excellent shelled for winter use. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 50c.

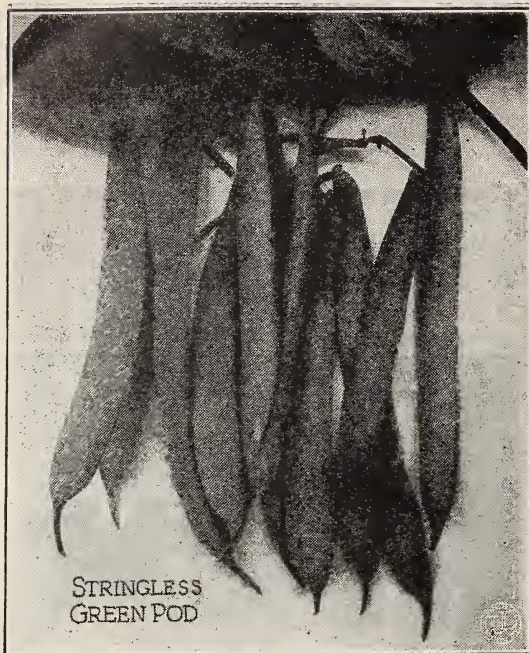
NITRAGIN.

FOR GARDEN BEANS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price Garden Size, sufficient for 8 pounds, 22c, postpaid. Not postpaid, 20c.

StimUplant
Makes a
Wonder Garden

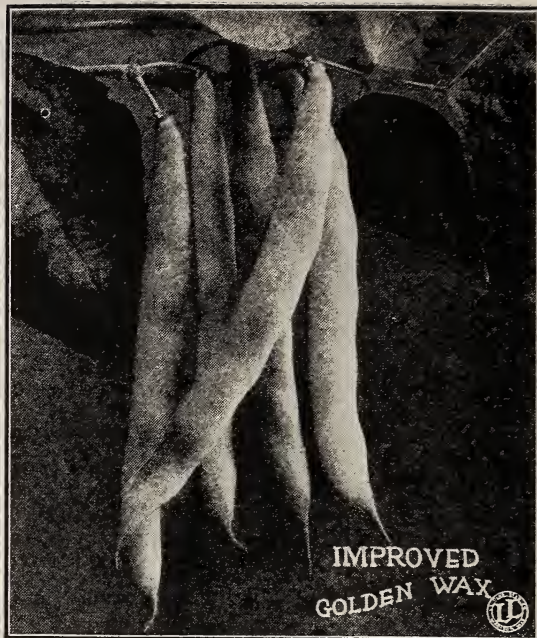
See page 91

CULTURAL DIRECTIONS are printed on the back of each packet and ounce package of garden and flower seeds.



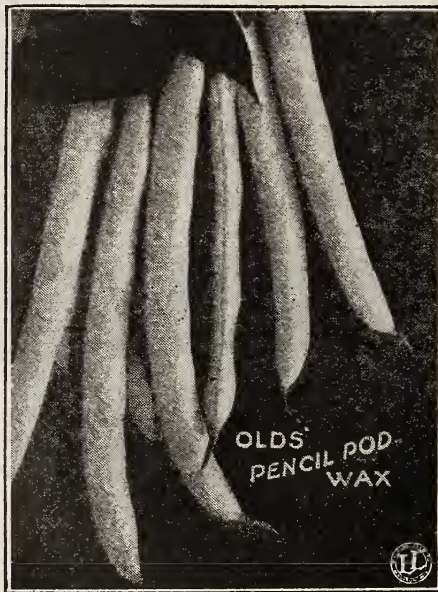
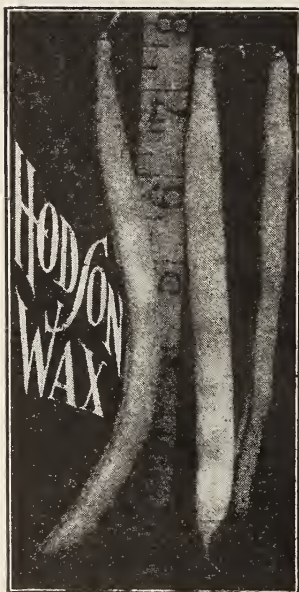
STRINGLESS
GREEN POD

15. ★**STRINGLESS GREEN POD.** (Burpee's.) The best green pod. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. The best green podded bean for either the market or home garden. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.



IMPROVED
GOLDEN WAX

20. **IMPROVED GOLDEN WAX.** See illustration. The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and stringless, the color is a rich golden-yellow. One of the most popular home garden varieties. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.



OLDS'
PENCIL POD
WAX

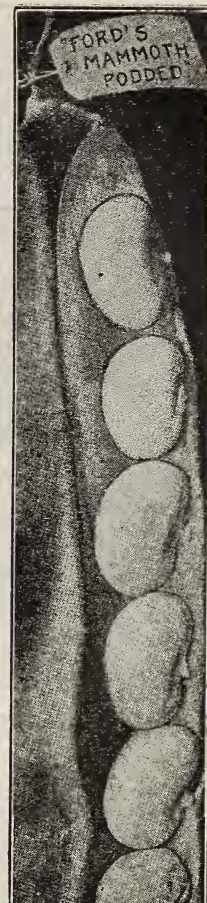


24. ★**OLDS' PENCIL POD WAX.** See illustration. The Pencil Pod is the best of the dwarf, black-seeded wax varieties. It is very early, very productive and of most excellent flavor. The pods are long, round, straight and crease-backed; fleshy, absolutely stringless, free from fibre, brittle and very clear yellow in color. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

25. ★**OLDS' ROUND POD KIDNEY WAX.** See illustration. The Round Pod Kidney Wax is a very handsome second early wax variety. This bean combines all the good qualities of the Wardwell's Kidney Wax with the best round podded sorts. The pods are large, handsome, stringless and of a light yellow wax-like color. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

27. **HODSON WAX.** See illustration. The Hodson Wax is absolutely rust proof and is in a class by itself. In season it is later than the Golden Wax, thus giving a succession. The pods are 7 to 8 inches long, flat, gently curved and wax-like in appearance. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

One pkt. each, Pencil Pod, Round Pod and Hodson, 25c; 1 lb., each, \$1.00; 2 lbs., each, \$1.65.



34. **★BURPEE-IMPROVED BUSH LIMA.** See illustration. Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.

33. **FORD'S MAMMOTH PODDED.** See illustration. The largest podded, finest flavored and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod, excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.

34½. **FORDHOOK BUSH LIMA.** An improved dwarf lima with plants growing erect and bearing well above the ground. The pods are medium green in color; from four to five inches long, and are produced in large clusters—they contain from 3 to 5 large beans and are of fine quality. The beans are large, white with greenish tinge, thick and meaty. Fordhook Bush Lima is the most prolific of all the bush varieties and we consider it a valuable addition to our list. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.

36. **LAZY WIFE POLE.** A very popular Pole Bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color, 4½ inches in length, and are produced in great abundance. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.

38½. **KENTUCKY WONDER WAX.** The best pole wax bean for Northern planting. One of the earliest of the pole wax sorts. Pods are large golden yellow, thick, fleshy and of fine flavor; very productive. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.

BEANS. Full List.

7½ pounds and 30 pounds at 15 pound and 60 pound rates.
Hardy, vigorous and productive.

	By parcel post.			By frt. or exp. not prepaid.		
	Pkt.	Lb.	2 lbs.	2 lbs.	15 lbs.	60 lbs.
GREEN-PODDED VARIETIES						
10. EXTRA EARLY REFUGEE. Early, hardy and productive.....	\$0.10	\$0.30	\$0.50	\$.40	\$2.25	\$8.50
11. ROUND YELLOW SIX WEEKS. Early, very productive.....	.10	.30	.50	.40	2.25	8.50
12. IMPROVED ROUND POD VALENTINE. An improved strain.....	.10	.30	.50	.40	2.50	9.50
13. BOUNTIFUL. A new stringless bush bean, early, tender.....	.10	.30	.50	.40	2.50	9.00
14. LONGFELLOW. The new green pod.....	.10	.30	.50	.40	2.25	8.50
15. ★STRINGLESS GREEN POD (Burpee's.) Best green pod. See page 32.....	.10	.30	.55	.45	2.75	10.50
16. GIANT STRINGLESS GREEN POD. Large pods; early, hardy and prolific.....	.10	.30	.55	.45	2.65	
18. TENNESSEE GREEN POD. A long, broad, bright green podded variety.....	.10	.35	.60	.50	2.85	10.75
19. REFUGEE, OR 1000 TO1. Medium early and very prolific.....	.10	.30	.50	.40	2.50	9.00
WAX-PODDED VARIETIES						
19½. OLDS' LATE STRINGLESS WAX. A brand new wax bean. Our 1921 introduction.....	.15	.40	.70	.60	3.25	
20. IMPROVED GOLDEN WAX. A very popular bean. See page 32.....	.10	.35	.60	.50	2.50	9.75
20½. OLDS' EARLY STRINGLESS WAX. A new wax pod bean. Our introduction.....	.10	.35	.65	.55	2.75	10.50
21. IMPROVED BLACK WAX. Early and very prolific.....	.10	.35	.60	.50	2.50	9.00
22. DAVIS WHITE KIDNEY WAX. Productive and very handsome; fine for home use.....	.10	.35	.60	.50	2.85	10.75
23. WARDWELL'S KIDNEY WAX. A valuable wax pod; early.....	.10	.35	.60	.50	3.00	11.00
24. ★OLDS' PENCIL POD WAX. A very fine early wax pod. See page 32.....	.10	.35	.60	.50	2.50	9.00
25. ★OLDS' ROUND POD KIDNEY WAX. Best second early. See page 32.....	.10	.35	.60	.50	2.85	10.75
26. WEBBER WAX. The earliest stringless market garden wax bean. Very productive, hardy, disease resistant and altogether a dependable sort.....	.10	.35	.60	.50	2.60	9.75
27. HODSON WAX. Never affected by rust or blight. See page 32.....	.10	.35	.60	.50	2.50	9.50
28. ★CURRIE'S RUST-PROOF WAX. An excellent snap bean. Pods crisp and tender.....	.10	.35	.60	.50	2.50	9.25
29. OLDS' REFUGEE WAX. Hardy, vigorous and productive.....	.10	.35	.60	.50	2.50	9.50
BUSH LIMAS AND POLE BEANS						
30½. DREER'S POLE LIMA. A leading standard early variety.....	.10	.40	.70	.60	2.85	10.75
31. HENDERSON'S BUSH LIMA. The earliest bush lima.....	.10	.40	.70	.60	3.00	11.00
32. KING OF THE GARDEN LIMA. The favorite pole lima.....	.10	.40	.70	.60	3.00	11.25
33. FORD'S MAMMOTH PODDED. A large podded pole lima. See above.....	.10	.40	.70	.60	3.00	11.00
33½. GREEN-SEEDED CARPINTERIA. A perfect pole lima.....	.10	.40	.70	.60	3.00	11.00
34. ★BURPEE-IMPROVED BUSH LIMA. The largest lima. See above.....	.10	.40	.70	.60	3.25	11.50
34½. FORDHOOK BUSH LIMA. The most prolific bush lima.....	.10	.40	.70	.60	3.25	11.50
35. BEST OF ALL POLE (White Creaseback.) The best early pole.....	.10	.40	.70	.60	2.70	10.25
36. LAZY WIFE POLE. The most popular pole bean.....	.10	.40	.70	.60	2.65	10.00
37. GOLDEN CLUSTER WAX POLE. A valuable snap bean.....	.10	.40	.70	.60	2.70	10.25
38. KENTUCKY WONDER. A very popular pole bean.....	.10	.40	.70	.60	3.00	11.50
38½. KENTUCKY WONDER WAX. The best pole wax. See above.....	.10	.40	.70	.60	3.00	11.50
39. SCARLET RUNNER. An ornamental snap pole bean.....	.10	.40	.70	.60	3.15	11.75

WHITE NAVY BEANS. Pkt., 5c; lb., 30c. **RED KIDNEY.** Same price.

BEETS

We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain seed sufficient to plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Order by number. We pay the postage on beet seed, regardless of zone, unless otherwise mentioned.



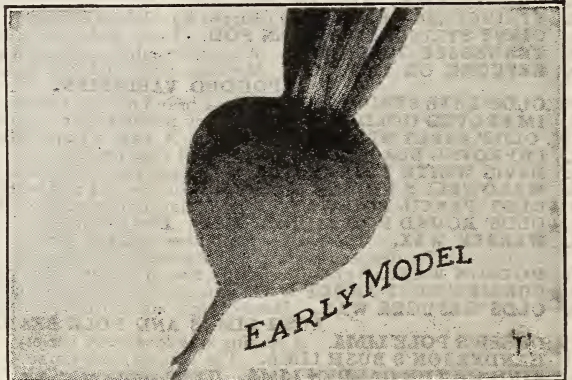
41. ★OLDS' IMPROVED EARLY BLOOD TURNIP. See illustration. Rich dark red roots, remarkably even in size and appearance. In shape they approach a globe and cut entirely free from fiber or lighter zoning. The high quality of our strain shows in the small, dark colored tops and smooth clean roots. Our strain of Blood Turnip is ready for the table in fifty days from planting or just after Crosby's Egyptian and Fireball. It is sweet and sugary in flavor, cooking up tender and retaining its fine deep red color. Planted late it makes a good winter keeper and planted early it is one of the first sorts ready for pulling. For special purposes there may possibly be better varieties but as an all round high quality beet, one that can be depended on to make good under all conditions, we recommend our strain of Olds' Improved Blood Turnip. A majority of our customers seem to prefer this to any other and it is by far our largest seller. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.



51. CROSBY'S EGYPTIAN. See illustration. An extremely early strain of bunching beet in high favor with market growers. The roots take on the thick turnip shape very quickly and they are ready for use earlier than any other sort with the possible exception of Fireball. The color is a good red, slightly zoned but cooking to a bright even shade. During the early part of the season they are of excellent quality. We do not however recommend them for winter storing. We are proud of our strain of this beet for we believe we approach the original Crosby ideal very closely. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

BEETS IN SUCCESSION. Do not depend on one planting for a supply all through the summer and fall. Some varieties are sweet and tender after they have grown to large size but the sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time. Early plantings may be followed by bush beans, carrots, cucumbers, turnips, etc., and later plantings may succeed the early crop of radishes, spinach, peas or other spring vegetables. For winter storage sow the seed about August 1st.

40 $\frac{1}{2}$. ★OLDS' EARLIEST FORCING (FIREBALL). A new globe shaped beet, extra early in season and of great value for forcing and frame work. The firm, smooth, round roots of brightest red look like large radishes. Like radishes also they grow quickly, often measuring two inches in diameter in 45 days from sowing the seed. Just as good for out-door planting as under glass. It is a beet for the market grower or the home gardener who delights in getting ahead of his neighbors with the "first fruits" of the garden. Highest table quality, sweet and succulent. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.20.



45. ★EARLY MODEL. See illustration. Widely heralded as "The Perfect Beet" the Early Model surely approaches perfection in shape and color. It is a true globe with slender tap root and fine stemmed closely clustered tops of purple bronze. The roots cut darkest red with barely perceptible zoning. They remain tender, sweet and crisp for a long time but their special value is as a canning beet when one to two inches in diameter or just the right size for putting up whole. The beets run remarkably even, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.20.



DETROIT
DARK RED

48. **DETROIT DARK RED TURNIP.** See illustration. A very good mid-season globe-shaped beet, always growing smooth and symmetrical. In color the roots are darkest crimson both inside and out. The quality is of the best, the beets cooking quickly without losing their sweet flavor. They make most appetizing pickles, and the bright red color of the firm, tender slices gives them an especial value for garnishing. The Detroit is probably the most widely grown sort for commercial canning. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

52. **★CRIMSON GLOBE.** See illustration. A very fine main crop table and market variety, medium in size, small, dark bronze foliage. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

44. **EARLY ECLIPSE.** A rough and ready sort doing well where no other variety will, and giving sweet, tender roots under unfavorable growing conditions. The tops are rather large but soft and light colored making delicious greens. The beets are bright red, zoned with pale pink but a good uniform shade when cooked. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

OLDS' DOLLAR COLLECTION.

Illustrated on Back Cover Page.

Big packets filled with freshly tested high quality seeds of the varieties that grow easiest and yield best in the Home Garden. Thirty full size packets, worth \$2.25, for \$1.00.

PLEASE NOTE. We put up these collections early in the winter before our rush season starts and it is for this reason we are able to offer them at such a low price. Do not ask us to make any variety changes.



LUCULLUS SWISS
CHARD BEET

52 $\frac{1}{4}$. **★LUCULLUS SWISS CHARD.** See illustration. A new vegetable of the beet family. Plants grow from two to two and one half feet high with white stalks, broad and thick like those of rhubarb. The crisp, tender, heavily crumpled leaves are cooked like spinach—surpassing that vegetable in delicate flavor. The chard stems are prepared separately in the same manner as asparagus. The roots are of no value. Swiss chard never shoots to seed and is good all summer long. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.



CRIMSON GLOBE
BEET

BEETS. Full List.

Beets are easily grown and can be used in many ways. Half-pounds at pound rates.

By parcel post.

	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
40. IMPROVED EARLY EGYPTIAN. The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.	\$0.05	\$0.10	\$0.35	\$1.00
40 $\frac{1}{2}$. ★OLDS' EARLIEST FORCING (Fireball) A new extra early beet, suitable for forcing.	.05	.15	.35	1.20
41. ★OLDS' IMPROVED BLOOD TURNIP. The standard early beet. See page 34.	.05	.10	.30	.95
43. ★THE ELECTRIC. The best second early beet.	.05	.15	.35	1.20
44. EARLY ECLIPSE. A very reliable, early, globe shaped beet; thin root; skin bright red.	.05	.10	.25	.80
44 $\frac{1}{2}$. JOHNSON'S DEFIANCE. A fine selected strain; very uniform in shape.	.05	.10	.20	.75
45. ★NEW EARLY MODEL. The perfect beet. See page 34.	.05	.15	.35	1.20
45 $\frac{1}{2}$. OLDS' DANISH HALF LONG. A new brilliant red beet.	.05	.10	.20	.75
46. HALF LONG BLOOD. Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh.	.05	.10	.25	.85
47. LONG SMOOTH BLOOD RED. A well-known winter beet; late in maturing, but an excellent keeper.	.05	.10	.25	.85
48. DETROIT DARK RED TURNIP. A fine early turnip beet. One of the best for the market garden; dark red skin, and bright red flesh.	.05	.10	.30	.95
49. MARKET GARDENERS'. The great all seasons' beet.	.05	.10	.25	.80
50. NEW COLUMBIA. A fine main crop variety.	.05	.15	.35	1.20
51. CROSBY'S EGYPTIAN. A most desirable early market beet. See page 34.	.05	.10	.30	.90
52. ★CRIMSON GLOBE. A new variety of great merit.	.05	.10	.35	1.00
52 $\frac{1}{4}$. ★LUCULLUS SWISS CHARD. The new Swiss Chard Beet.	.05	.10	.25	.85
53. SWISS CHARD. The well-known spinach beet; grown for its succulent tops.	.05	.10	.25	.80
54 $\frac{1}{2}$. OLDS' DANISH BLOOD TURNIP. Round, fine-grained with blood-red flesh.	.05	.10	.25	.85
MIXED BEET SEED. A carefully prepared mixture of best sorts for table use.	.05	.10	.20	.75

MANGELS AND SUGAR BEETS



Mammoth Long Red.



56. GOLDEN TANKARD. See illustration. The best yellow-fleshed mangel in cultivation. Contains a larger percentage of sugar than the red mangels. Has a small tap-root and grows largely above ground. Can be grown closely in rows and yields enormously. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c. Not postpaid: 5 lbs., \$3.00.

59½. DANISH SLUDSTRUP. See illustration. This new mangel has attained the highest honor in agricultural circles in Denmark, where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground and is easily harvested. It excels any other variety in weight, feeding value, and yield. Our seed is from the best Danish growers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c. Not postpaid: 5 lbs., \$3.00.



59. GIANT ECKENDORF. This German Mangel contains a large amount of nutritive matter and is also a very heavy yielder. The roots are immense and often weigh from 15 to 20 pounds each. They are cylindrical in form, and on account of growing the larger part out of the ground are easily harvested. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c. Not postpaid: 5 lbs., \$3.25.



Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

Five or six pounds of seed will sow an acre. 3 lbs. or more at 5-lb. rates. Order by number.

- 55. MAMMOTH LONG RED.** The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested. Not postpaid: 5 lbs., \$2.50.....
- 56. GOLDEN TANKARD.** The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.....
- 58. CHAMPION YELLOW GLOBE.** The best globe-shaped mangel.....
- 59. GIANT ECKENDORF.** The most popular mangel in Germany, also proving very satisfactory in the United States.....
- 59½. DANISH SLUDSTRUP.** A new mangel, described and illustrated above.....
- 60. LANE'S IMPERIAL SUGAR.** A great favorite. Not so rich in sugar as Vilmorin's, but valuable for stock feeding.....
- 61. KLEIN WANLEBEN SUGAR.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar.....
- 62. VILMORIN'S IMPROVED SUGAR.** An improved French variety; very rich, containing usually as high as 16 per cent of sugar.....
- 63. GIANT HALF-SUGAR.** One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Not postpaid: 5 lbs., \$2.75.....

By parcel post.

pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
\$0.05	\$0.10	\$0.20	\$0.65	\$2.75
.05	.10	.20	.75	3.25
.05	.10	.20	.70	3.00
.05	.10	.25	.80	3.50
.05	.10	.20	.75	3.25
.05	.10	.25	.85	
.05	.10	.25	.80	3.50
.05	.10	.20	.75	3.25
.05	.10	.20	.70	3.00

BRUSSELS SPROUTS.

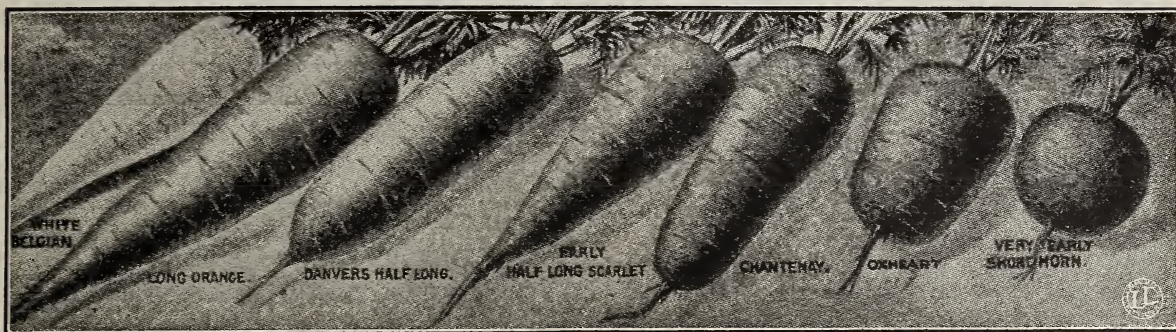
A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growing closely on the stalk of the plant. They are fine for boiling during late fall and winter.

65. OLDS' NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalk are as fine and solid as those further up. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

We pay postage on Mangels and Sugar Beets, unless otherwise mentioned.

CARROT

Olds' Carrot Seed is grown from carefully selected roots. Each packet contains seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Three pounds or more at 5-pound rates.



108. OLDS' HALF LONG STUMP ROOT-ED. For smoothness even shape, absence of root-lets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use. Roots 6 to 8 inches long, nearly cylindrical and blunt. Red flesh, sweet and mild. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20.

100. ★DANVERS HALF LONG. See illustration. The best known, second early, half-long sort; roots 6 to 8 inches long, tapering to a blunt point; flesh deep orange, tender and of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20.

105. EARLIEST FRENCH FORCING. The earliest variety; best for forcing; small tops; roots almost round, about 2½ inches through; orange-red in color. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.30.

OLDS' CATALOG TELLS THE TRUTH.

102. OLDS' IMPROVED LONG ORANGE. See illustration. A standard late variety; deep orange color; much improved by selection of the best formed and richest colored roots. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.

103. ★OXHEART. The best all-around carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Equally good for table use or stock. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15.

104. ★EARLY CHANTENAY. An early main crop variety and one of the best for table use. Used extensively by market gardeners and while primarily a table carrot, it is also profitable for stock. A good keeper. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20.

112. THE MASTODON. The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

CARROT. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

		By parcel post.				
		pkt.	oz.	¼ lb.	lb.	5 lbs.
100.	★DANVERS HALF LONG. A general favorite. See illustration	\$0.05	\$0.10	\$0.35	\$1.20	\$5.50
101.	★EARLY SHORT TOP. One of the best carrots for home use	.05	.15	.40	1.45	
102.	OLDS' IMPROVED LONG ORANGE. The standard late variety	.05	.10	.35	1.10	5.00
103.	★OXHEART. The best all-round carrot. See illustration	.05	.10	.35	1.15	5.00
104.	★EARLY CHANTENAY. One of the best early carrots for table and market use	.05	.10	.35	1.20	5.50
105.	EARLIEST FRENCH FORCING. Used expressly for forcing	.05	.10	.35	1.30	6.00
106.	EARLY SCARLET SHORT-HORN. A popular early variety	.05	.10	.35	1.25	5.75
107.	INTERMEDIATE OR ST. VALERY. A fine late variety	.05	.10	.35	1.10	5.00
108.	OLDS' HALF-LONG STUMP-ROOTED. One of the best carrots we know of	.05	.15	.35	1.20	5.50
110.	LARGE WHITE BELGIAN. A stock carrot; very productive	.05	.10	.25	.35	3.75
111.	LONG ORANGE BELGIAN. For stock; orange colored roots	.05	.10	.30	1.00	4.50
112.	THE MASTODON. The heaviest cropper. For stock	.05	.10	.25	.90	4.00



CHICORY.

130. LARGE ROOTED. Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

130½. WITLOOF. (French Endive.) See illustration. A delicious winter salad, sometimes called French Endive. Grown for its delicate, tender shoots. The roots can be planted in boxes in the house during the winter and forced. The leaves can be eaten either raw or cooked. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

COLLARDS.

132. GEORGIA. A Southern cabbage. Large, loose heads. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

CORN SALAD.


133. LARGE SEEDED. A fine salad and a good substitute for lettuce. Pkt. 5c; oz., 20c; ¼ lb., 55c.

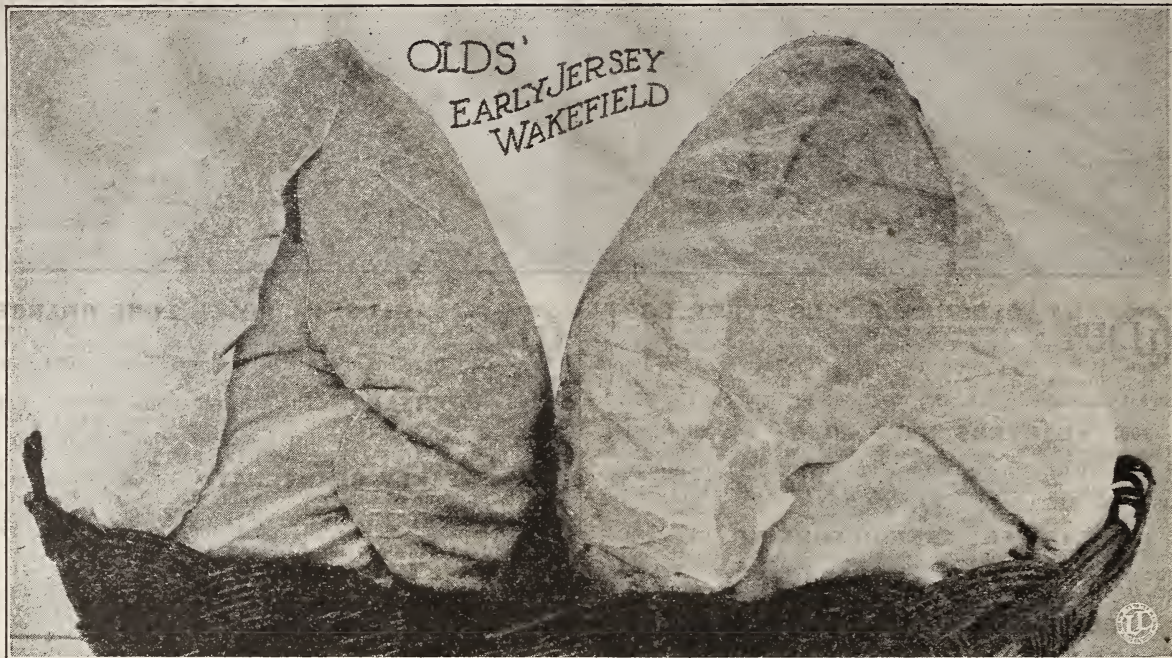
CRESS.


134. EXTRA CURLED. (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00

NURSERY DEPARTMENT. On pages 77 to 87 inclusive of our catalog you will find a complete list of fruit trees, berry plants, roses, bulbs, hardy perennial flowers and greenhouse plants together with ornamental shrubs.

CABBAGE

Our cabbage seed is the best American-grown, excepting of the Danish varieties, which reach perfection in Denmark. Each packet contains seed, sufficient to produce 500 plants; $\frac{1}{4}$ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Use Slug Shot as a remedy for cabbage worms. See page 93. Leaflet on cabbage culture, free on request.  We can also furnish home grown cabbage plants in season. Early Jersey Wakefield, Copenhagen Market, Late Flat Dutch, and Danish Ballhead. Doz., 20c; 50 for 55c, postpaid.



 **70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD.** See illustration. Early solid and good—the best known and most popular extra early cabbage in cultivation. It forms fine medium sized, cone shaped heads, with few outer leaves and cannot be surpassed for uniformity, even heading, earliness and solidity. Our seed is grown from heads selected for stock seed purposes only. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 20c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.



 **85. OLDS' SELECT DANISH BALL HEAD.** The best cabbage for keeping through the winter. The heads are perfectly round, solid and deep, and of a fine white color making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbages, although not as large as some. Best Danish-grown Seed. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 20c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

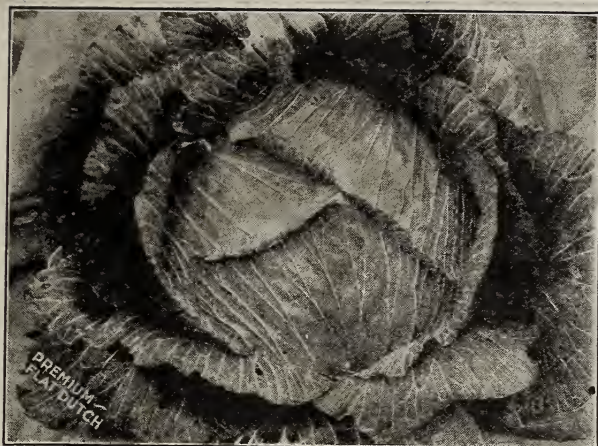
74. ★THE VOLGA. A fine second early, main crop variety. The heads are as round as a ball with a short stem; very hardy; always firm and crisp. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



88½. GLORY OF ENKHUIZEN. See illustration. A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome, with few outer leaves and just right for market; very productive and excellent in quality; surpassing in flavor most of the other varieties. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

77. ★HENDERSON'S SUCCESSION. A second early variety. One of the best of cabbages—a great favorite with market gardeners. Heads run uniform in size and shape. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 20c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

Remember garden seed prices include parcel postage, unless otherwise noted.



82. **★PREMIUM LATE FLAT DUTCH.** An improved strain of the old favorite cabbage. The plant has a short stem with large outer leaves, and is sure-heading. It is a good keeper and largely grown for main crop. Pkt., 10c; ½ oz., 20c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

81½. **EARLY FLAT DUTCH.** The standard second early. Short stemmed plants—heads nearly round, firm and solid. It will stand a long time without bursting, and makes a fine house and market garden sort. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

83½. **CHINESE CABBAGE.** This is the famous Chinese Celery Cabbage and the seed we sell is grown in China. It does well in nearly all parts of the country and is more easily grown than ordinary cabbage; when boiled with meat it is much better than either cabbage or turnips. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 95c.

84½. **COPENHAGEN MARKET.** The new Danish cabbage; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$3.00.

89. **MAMMOTH ROCK RED.** The largest of the red cabbages. The heads are late maturing, round, solid and of a very attractive deep red color; fine for pickling, cold slaw and winter use. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 95c; lb., \$3.25.

75. **★ALLHEAD EARLY.** The best all-the-year-round cabbage; if only one variety is planted, nothing is better than this for all purposes. The heads are deep, flat and solid and run very uniform in shape. Pkt., 10c. 2 pkts., 15c; ½ oz., 20c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

DISEASE RESISTANT CABBAGE SEED.

80½. **WISCONSIN HOLLANDER.** A very decided improvement over regular Hollander Cabbage as regards resistance against the disease commonly known as "yellows" or "yellow rot." This cabbage was developed by years of careful experimenting and selection by Prof. L. R. Jones of the University of Wisconsin, carefully preserving all the good qualities of the original Hollander. Extensive field tests in Racine and Kenosha Counties, the oldest cabbage district in the state of Wisconsin, where the growing of cabbage had been abandoned on account of the "yellows," now show the Wisconsin Hollander to be very strongly resistant to that destructive disease. The Hollander, as everyone who has grown this variety knows, cannot be surpassed for fall shipping or winter storage. The leaves are upright in growth, heads of medium size, solid and handsome in appearance.

In order to be absolutely sure that the seed we offer is the true Wisconsin Hollander as originally developed by Prof. Jones, we have decided to hold back our seed for one year and make a field test before placing it on sale. We also intend to test out our stock seed by having it grown in disease infested sections before it is used for future crops. This year it is impossible to obtain seed grown in this way. We believe, however, that the seed we offer is true and resistant to the disease known as "yellows" and it is the only seed obtainable. Price: Pkt., 25c; 2 pkts., 45c; ¼ oz., 65c; oz., \$1.25; ½ lb., \$4.50; lb., \$16.50.

76. **WISCONSIN ALL SEASONS.** This cabbage after extensive field tests has also proven to be resistant against the disease known as "yellows." It is a very desirable variety and a favorite with the National Kraut Packer's Association. It is a midseason variety, vigorous in growth and sure in heading. We offer seed that has been held back one year. Pkt., 20c; 2 pkts., 35c; ½ oz., 65c; oz., \$1.20; ¼ lb., \$4.25.

CABBAGE. Full List.

Half-pounds at pound rates. Cabbage Plants, in season—pages 38, 40, 82.

By parcel post.

	pkt.	½ oz.	oz.	¼ lb.	lb.
70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. Best known early cabbage.....	\$.10	\$0.20	\$0.25	\$0.75	\$2.50
71. EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads.....	.10	.15	.25	.80	2.75
72. LARGE WAKEFIELD or CHARLESTON. A week later than Jersey Wakefield.....	.10	.15	.25	.85	3.00
73. EARLY SPRING. The earliest flat-headed variety.....	.10	.15	.25	.75	2.50
74. ★THE VOLGA. A valuable acquisition in the cabbage line.....	.10	.20	.30	1.00	3.50
75. ★ALLHEAD EARLY. Best all-the-year-round cabbage.....	.10	.20	.25	.75	2.50
76. WISCONSIN ALL SEASONS. A midseason disease resistant strain.....	.20	.65	1.20	4.25	
77. HENDERSON'S SUCCESSION. Second early variety. See page 38.....	.10	.20	.25	.65	2.25
77½. ROUND EXPRESS. Considered the best round-headed variety.....	.10	.15	.25	.65	2.25
78. SURE HEAD. All head and sure to head. An exceptionally fine late variety.....	.10	.15	.25	.70	2.35
79. OLDS' BRIDGEPORT DRUMHEAD. A select strain.....	.10	.20	.30	.95	3.25
80. ALL SEASONS. Good for both early and late.....	.10	.15	.20	.75	2.50
80½. WISCONSIN HOLLANDER. The cabbage that will make Wisconsin famous.....	.25	.65	1.25	4.50	16.50
81. EARLY SUMMER. A great favorite with market gardeners.....	.10	.15	.25	.70	2.25
81½. EARLY FLAT DUTCH. An extra fine second early.....	.10	.20	.25	.80	2.75
82. ★PREMIUM LATE FLAT DUTCH. An old favorite variety.....	.10	.20	.25	.65	2.25
82½. EARLY WINNIGSTADT. One of the best for general use—sure to head.....	.10	.15	.25	.75	2.50
83. PERFECTION DRUMHEAD SAVOY. The best of all the Savoy.....	.10	.15	.25	.75	2.65
83½. CHINESE CABBAGE. The famous Chinese Celery Cabbage.....	.10	.20	.30	.95	3.25
84. FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use.....	.10	.15	.25	.75	2.60
84½. COPENHAGEN MARKET. Earliest round-head variety. Illustrated above.....	.10	.20	.30	.90	3.00
85. ★OLDS' SELECT DANISH BALL HEAD. The best keeper for winter.....	.10	.20	.25	.85	3.00
85½. THE HOLLANDER. Fine for late spring and for shipping.....	.10	.15	.25	.80	2.75
86. DANISH SUMMER BALL HEAD. An excellent second early.....	.10	.15	.25	.75	2.50
88. FILDERKRAUT. Pointed heads; much used for kraut.....	.10	.20	.30	1.00	3.50
88½. GLORY OF ENKHUIZEN. A new variety. Illustrated, page 38.....	.10	.20	.30	.90	3.00
89. MAMMOTH ROCK RED. Hard-heading; fine for pickling.....	.10	.20	.30	.95	3.25
89½. RED DUTCH. A red cabbage for pickling.....	.10	.15	.25	.80	2.75



FROST PROOF CABBAGE PLANTS

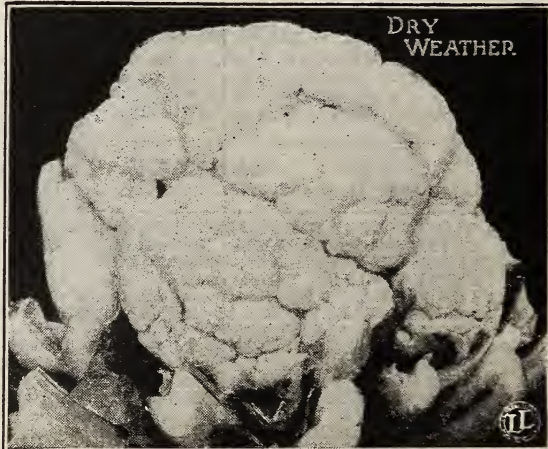
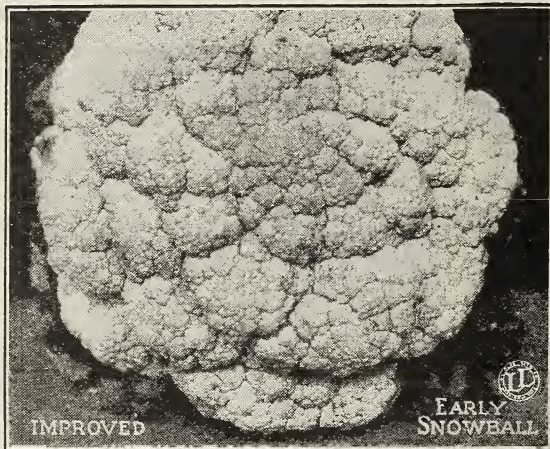
There are a number of islands off the South Carolina Coast, where the soil and climatic conditions are suited for growing hardy cabbage plants for early spring planting. These plants will mature heads 10 days to three weeks sooner than is possible from northern-grown hot-bed plants—this is a decided advantage. The crop can be matured and marketed before the crop from the home-grown plants is ready. To get the advantage of these frost-proof plants, they must be planted six weeks earlier than home-grown plants. These plants can stand a temperature from 8 to 10 degrees above zero and orders can be filled any time after the middle of January until May 15th.

VARIETIES. Early Jersey Wakefield, Charleston Wakefield, Succession and Early Flat Dutch. Price: 100 to 400 plants at 50c per hundred; 500 plants for \$1.60; 1,000 or more at \$3.00 per thousand plants. Not postpaid: \$2.25 per thousand plants. Plants are packed for parcel post shipment 100, 200, 300, 400, 500, or 1,000 plants to package. For express shipment 1,000 or 2,000 plants to package. Order in these quantities. We pack only one variety to a package. We guarantee good order delivery on parcel post shipments. Shipments by express, at purchaser's risk. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth. After May 15th, can furnish home-grown plants only—See pages 38 and 82 for prices.

CAULIFLOWER

Olds' Cauliflower Seed is grown mostly in Denmark and is the best that can be procured. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request.

WE CAN ALSO FURNISH good home-grown transplanted cauliflower plants in season. Early Snowball. ½ doz., 20c; doz., 35c; 50, \$1.10, postpaid.



95. OLDS' EARLIEST OF ALL. The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads. Pkt., 20c; 2 pkts., 35c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$8.00.

90. ★IMPROVED EARLY SNOWBALL. See illustration. We know of no better type of this variety—very early, smooth, rounded heads, fine grained, compact and even in size. Pkt., 20c; 2 pkts., 35c, ¼ oz., 75c; ½ oz., \$1.25; oz. \$2.25; ¼ lb., \$8.00.

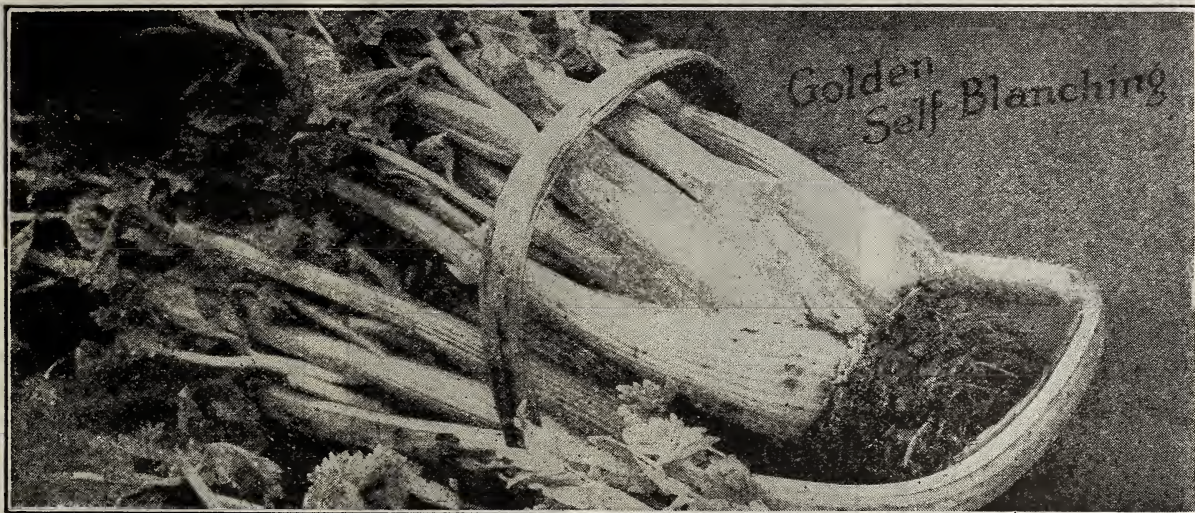
93. ★DRY WEATHER. See illustration. The best all-purpose Cauliflower for every kind of soil. It produces large, solid, pure white heads. It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in a dry location. Pkt., 20c; 2 pkts., 35c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$9.00.

94. AUTUMN GIANT. One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. A vigorous grower. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

INSURED PARCEL POST. Packages of \$15.00, or more in value, will be insured free, on request.

CELERY

Celery seed is slow to germinate. Cover lightly and keep moist. Our packets each contain seed enough to produce 1,000 plants; 2 ounces of seed sufficient for an acre. Those marked with a star are the varieties we specially recommend. Order by number. Leaflet on culture, free, on request. We can furnish celery plants in season. Golden Self-Blanching, best for all purposes: Winter Queen, a good late kind. Doz., 25c; 50 for 75c, postpaid.



117½. **GOLDEN SELF-BLANCHING.** Best French grown seed. See illustration. The leading early variety. The stalks are heavy and not liable to blight. It is of dwarf compact habit and blanches readily—a great favorite with market gardeners. Pkt., 15c; 2 pkts., 25c; ½ oz., 50c; oz., 85c; ¼ lb., \$3.00.

117. **★GOLDEN SELF-BLANCHING.** American grown seed. The leading American variety. The stalks are solid, easily blanched and of a fine, nutty flavor; rich golden yellow. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$2.00.



115. **WHITE PLUME.** Olds' Select. The best of the early white varieties. A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. An excellent sort for fall and early winter use. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25.



115½. **EASY BLANCHING.** One of the easiest to blanch and one of the best in quality. The plants make a quick healthy growth with thick stalks, very tender and brittle; early-maturing. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$2.00.

121. **★WINTER QUEEN.** See illustration. One of the best and most desirable winter varieties. Of medium height, broad, light green stalks; very solid and crisp; blanches creamy-white. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 25c; ¼ lb., 75c.



CELERY. Full List.

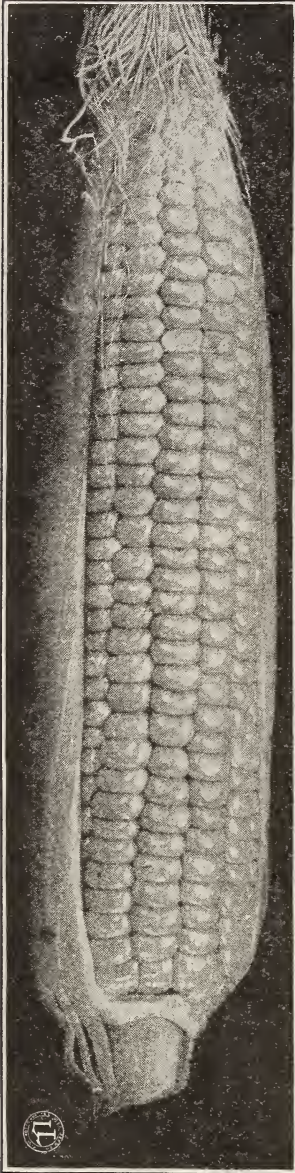
One pound of any variety at 3½ times the price of ¼ lb. ½ lbs. at lb rates.

	By parcel post.			
	pkt.	½ oz.	oz.	¼ lb.
115. WHITE PLUME. Olds' Select. The best of the early white varieties.....	\$0.05	\$0.20	\$0.35	\$1.25
115½. ★EASY-BLANCHING. A distinct variety. Easy and quick to blanch.....	.10	.30	.55	2.00
117. ★GOLDEN SELF-BLANCHING. The leading early variety. American grown. ....	.10	.30	.55	2.00
117½. ★GOLDEN SELF-BLANCHING. Best French grown seed.....	.15	.50	.85	3.00
118. GIANT PASCAL. Best for fall and winter use. The stalk is of medium length, and blanches to a beautiful white color. A home garden variety.....	.05	.15	.25	.75
120. DWARF GOLDEN HEART. A standard variety, grown for market.....	.05	.15	.25	.70
121. ★WINTER QUEEN. A most desirable variety for winter use. See illustration.....	.10	.20	.25	.75
122. ★SNOW WHITE. A free blancher and not subject to rust. Of good size and without a rival	.05	.20	.30	1.00
123½. COLUMBIA. A desirable early maturing variety, following Golden Self-Blanching.....	.05	.20	.30	1.00

CELERIAC. 125. **NEW GIANT PRAGUE.** The largest and best sort grown. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.75.

SWEET CORN

Our Sweet or Sugar Corn is properly cured and first class in every respect. Plant at intervals of two weeks until July. Our packets each contain sufficient to plant 25 to 30 hills. One peck (11 lbs.) will plant an acre in hills. Order by number. We pay postage on corn, up to 5 lbs. in weight, unless otherwise mentioned.



135½. EARLY JULY. See illustration. The longer we grow this corn the better pleased we are with it. It is not only the earliest of all varieties, but also the best in quality of all extra earlies. Last year, planted in our trial grounds, in comparison with a number of other extra early sorts, for which much has been claimed—the Early July was the first ready to use. One variety, introduced by an Eastern House, was only a day or two later but it was not nearly as sweet and tender. Early July is ten to twelve days earlier than Golden Bantam and the ears are larger. Our stock of this corn has been grown on our own land and under our close supervision here at Madison for some years and as a result of our continued selection it is getting earlier and better all the time. Try it. Pkt., 15c; 2 pkts., 25c; ¼ lb., 35c; 1½ lbs., 50c.

W. M. Jordan, Scranton, Iowa, May 5, 1922, writes: "Your Early July sweet corn is just fine and comes on as soon or sooner than you say in the catalogue. Will have a nice patch this year."

QUALITY SWEET CORN FOR SUCCESSION. For a succession of the sweetest and most tender corn throughout the whole season plant at the same time, Early July (135½), Golden Bantam (142), and Early Evergreen (145). One pkt., each, 25c; ¼ lb., each, 70c; 1½ lbs., each, \$1.00.

HOW TO PICK SWEET CORN. To have the finest sweet corn, you must pick it when in just the right condition, that is, when the skin of the grain breaks at the slightest puncture.

142½. BANTAM EVERGREEN. See illustration above. Many attempts have been made to combine the sweetness and fine table qualities of Golden Bantam with the size of ear of other sorts. The Bantam Evergreen shows the only really successful blend. Just imagine the delicate sweetness and coloring of the Bantam combined with the tender skin and large ear of the Evergreen and you will have the Bantam Evergreen. Pkt., 10c; 2 pkts., 15c; ¼ lb., 25c; 1½ lbs., 40c.



145. *OLDS' EARLY EVERGREEN. An extra fine strain of Stowell's Evergreen with ears nearly as large, yet ready for the table 7 to 8 days earlier. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreen sorts so popular. Keeps in condition to use for several days. Pkt., 10c; 2 pkts., 15c; ¼ lb., 25c; 1½ lbs., 35c.

142. *GOLDEN BANTAM. See illustration above. The king of quality of all varieties of sweet corn. In fact, it is doubtful if a variety will ever be introduced that will excel the Golden Bantam in its rich, nut-like flavor and delicious honeyed sweetness. Golden yellow when ripe but a very pale cream yellow when in prime table condition. Early and prolific. Plant plenty of Golden Bantam; you will surely eat more than you now think possible if you have grown only the white varieties before. Pkt., 10c; 2 pkts., 15c; ¼ lb., 25c; 1½ lbs., 40c.

Halvor O'Lund, Hinsdale, Mont., Feb. 18, writes: "The garden seed I got of you last spring is the best that I ever planted. I have tried many different kinds of garden seeds in the last 30 years. I had the best garden last year, I ever had."

We pay parcel post charges, to destination, on all garden and flower seed—unless otherwise noted.

"OLDS' CATALOG TELLS THE TRUTH."

147. STOWELL'S EVERGREEN. See illustration. An old variety that has proved its worth over and over again. It makes the largest ear of any sweet corn we list and is of very good table quality. Besides these desired characteristics it has an additional value in that it remains long in the milk, tender and good to eat. It is this that gives it its name of Evergreen. Stowell's Evergreen and the Country Gentleman are the two latest and heaviest yielding sorts and are much grown for canning. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.

139 $\frac{1}{2}$. COUNTRY GENTLEMAN. A very distinct late sort. The pearly white, deep narrow kernels are set closely although irregularly on the cob, which is remarkably small. The high sugar content is shown by the shrinking of the kernels and by their translucent appearance when ripe. The Country Gentleman is undoubtedly the sweetest white sweet corn and is a favorite main crop or late season variety. It does not remain fit to use as long as the Evergreen. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 45c.

137. ★OLDS' IDEAL EARLY. See illustration. A true sweet corn and a highly bred second early. We offered this corn first in 1907, by packet only. Since then we have been selecting our stock seed and all the time improving it, until we think we are now offering one of the finest and largest eared types of succession sweet corn on the market today. The Ideal Early withstands drought remarkably well, adapts itself to any kind of soil,

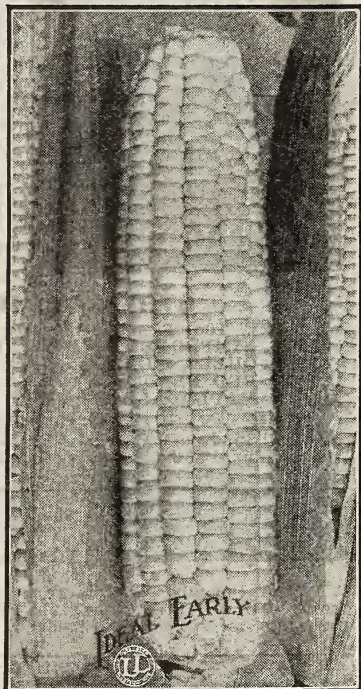
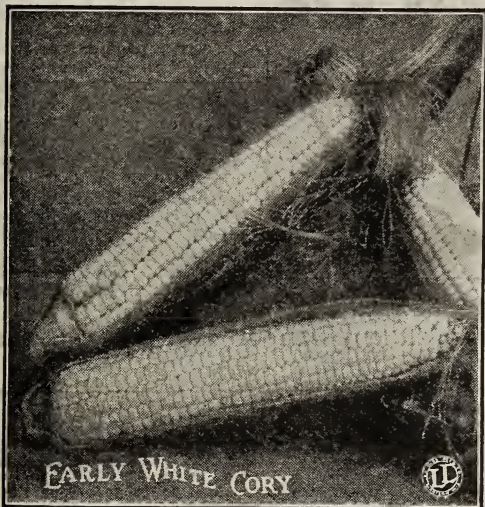
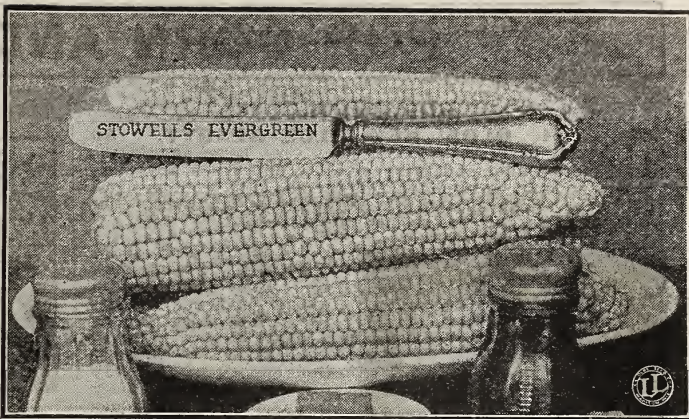
producing ears almost as large as those of Stowell's Evergreen. It is exceptionally prolific and we recommend it for truck farm planting. Pkt., 15c; 2 pkts., 25c; $\frac{3}{4}$ lb., 35c; $1\frac{1}{2}$ lbs., 50c.

139. ★EARLY CHAMPION. A standard second early sort, maturing between Mammoth White Cory and Early Evergreen. Good quality and extra large ears for such an early variety—much grown for market. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 40c.

★ORDER EARLY. We give (on request) extra seeds or plants with orders amounting to \$2.00, or more, received before March 1st.

138 $\frac{1}{2}$. HOWLING MOB. The earliest white sweet corn of really high quality; tender, sugary, and delicious. Fine big ears, two on a stalk. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 40c.

136. MAMMOTH WHITE CORY. See illustration. Next to Early July and Peep O'Day this is our earliest white sweet corn. A splendid variety giving often two good ten or twelve-rowed ears to the stalk. Ready to use under ordinary conditions in seventy days from planting. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 40c.



SWEET CORN. Full List.

$\frac{3}{4}$ lb., one pt.; $1\frac{1}{2}$ lbs., one qt.; $5\frac{1}{2}$ lbs., one-half pk.; 11 lbs., one pk.; 45 lbs., one bu., except where noted.

	By parcel post.			By express or freight, not prepaid.			
	pkt.	$\frac{3}{4}$ lbs.	$1\frac{1}{2}$ lbs.	$1\frac{1}{2}$ lbs.	$5\frac{1}{2}$ lbs.	11 lbs.	45 lbs.
135. PEEP O' DAY. A good Extra Early.....	\$0.10	\$0.25	\$0.40	\$0.30	\$0.95	\$1.75	\$6.75
135 $\frac{1}{2}$. EARLY JULY. Earliest known variety. Illustrated page 42.....	.15	.35	.50	.40	1.00	1.85	7.20
136. MAMMOTH WHITE CORY. One of the earliest varieties.....	.10	.25	.40	.30	.95	1.75	6.50
137. ★OLDS' IDEAL EARLY. A true sweet corn; second early.....	.10	.30	.45	.35	.95	1.75	6.50
138 $\frac{1}{2}$. HOWLING MOB. A large eared early variety.....	.10	.25	.40	.30	.80	1.45	5.60
139. ★EARLY CHAMPION. The largest-eared early sweet corn.....	.10	.25	.40	.30	.80	1.40	5.40
139 $\frac{1}{2}$. COUNTRY GENTLEMAN. The sweetest mid-season sweet corn.....	.10	.30	.45	.35	.95	1.75	6.50
140. KENDEL'S EARLY GIANT. Large handsome ears.....	.10	.25	.40	.30	.80	1.40	5.40
140 $\frac{1}{2}$. BLACK MEXICAN. Medium early; sweet and tender.....	.10	.25	.40	.30	.85	1.55	6.00
141. PREMO. Claimed to be the best early sweet corn.....	.10	.25	.40	.30	.90	1.65	6.30
141 $\frac{1}{2}$. GOLDEN CREAM. A distinct variety.....	.10	.30	.45	.35	.95	1.75	6.50
142. ★GOLDEN BANTAM. Burpee's. Page 42.....	.10	.25	.40	.30	.85	1.55	6.00
142 $\frac{1}{2}$. BANTAM EVERGREEN. One of the sweetest of sweet corns.....	.10	.25	.40	.30	.90	1.60	6.15
143. CROSBY'S EARLY. A favorite with canners.....	.10	.25	.40	.30	.90	1.65	6.30
143 $\frac{1}{2}$. HICKOX IMPROVED. A popular canning variety.....	.10	.25	.40	.30	.80	1.40	5.40
145. ★OLDS' EARLY EVERGREEN. Page 42..... Bu. 42 lbs.	.10	.25	.35	.25	.75	1.30	5.00
146. WHITE EVERGREEN. A new variety. Pure white.....	.10	.25	.35	.25	.85	1.50	5.75
147. STOWELL'S EVERGREEN. The best late sweet corn..... " "	.10	.20	.35	.25	.70	1.25	4.85
148. ZIG-ZAG EVERGREEN. Large kernels, very sweet..... " "	.10	.25	.35	.25	.85	1.50	5.75
149. LATE MAMMOTH. A large-eared late variety.....	.10	.25	.40	.30	.85	1.50	....

Prices named above are for $5\frac{1}{2}$ lbs., 11 lbs. and 45 lbs., of all varieties regardless of weight per bushel.

If you are a market gardener or grow for market—send for our market gardeners net price list—free on request.

POP CORN AND PEANUTS

POP CORN.



154. **OLDS' NEW BLUE BEAUTY.** An extra early variety. It pops very large and is the most tender and crisp of all. Will ripen anywhere and may be used for popping the first year, without kiln-drying. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c; 5 lbs. or more, 20c per lb, not postpaid.

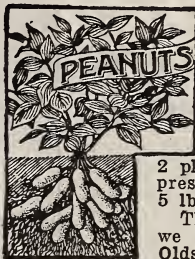


154½. **★ T O M THUMB.** Dwarf Rice. The Tom Thumb is a dwarf growing, White Rice Pop Corn. It is a heavy yielder and very attractive—see illustration opposite. Is ready for popping soon after it is husked and does not have to dry until the second year, like other varieties. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. The Tom Thumb is a new variety and well worthy of a trial. Price for 1923: Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c. Not postpaid: Lb. 25c; 2 lbs., 45c; 5 lbs. or more, 20c per lb.

OTHER VARIETIES.

Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 50c.
150. **★IMPROVED WHITE RICE.** The standard.
151. **QUEEN'S GOLDEN.** Largest and most productive.
152. **RED BEAUTY.** A new red rice pop corn.
153. **MAPLEDALE PROLIFIC.** A very prolific variety.
BOOK. VEGETABLE GARDENING. Tells how to grow all kinds of vegetables for home use and how to sell the surplus. 336 pages, illustrated, 75c.

PEANUTS.



315. **★MAMMOTH VIRGINIA.** The largest, sweetest and heaviest yielding variety. (See illustration opposite.) Every boy and girl can grow their own peanuts here in the North. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 10c; 2 pkts., 15c; ½ lb., 25c; lb., 45c. By express or freight, not postpaid: Lb., 35c; 5 lbs. or more, 30c per lb.

Those marked with a star are varieties we recommend. See back cover page, for Olds' Dollar Collection.



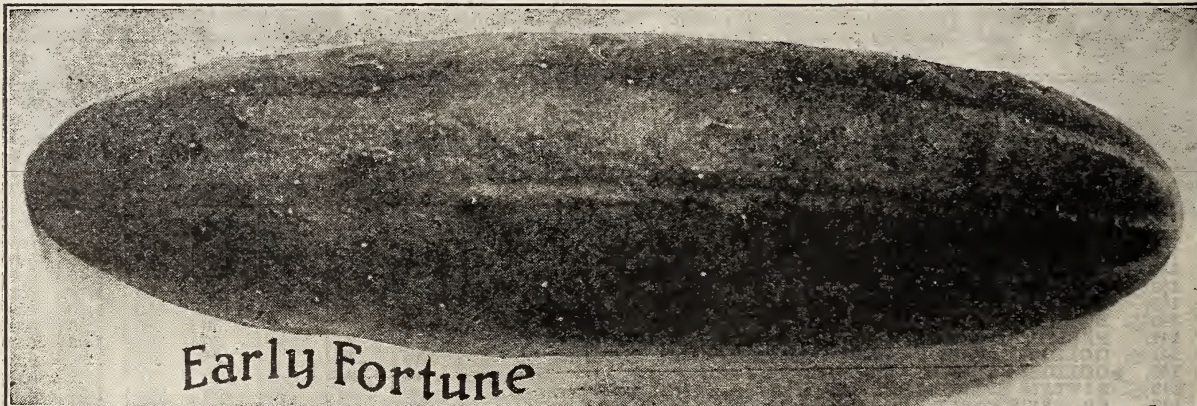
316. **IMPROVED SPANISH.** The Spanish Peanut is small but has a feeding value, is a nitrogen gatherer and is an improver of land. It grows an upright bush and the peanuts are clustered thick around the roots. It is very productive, well adapted to the North; and is easily harvested. If the tops are cut and cured before frost, they make hay, almost equal in value to alfalfa. Our seed has been harvested, graded and washed by hand and is the best that can be procured. Large pkt., 10c; 2 pkts., 15c; ½ lb., 25c; lb., 40c. Not postpaid: Lb., 30c; 5 lbs. or more, 25c per lb.

Spanish Peanuts.

LEAFLET ON CULTURE OF PEANUTS AND POP CORN, FREE ON REQUEST.

CUCUMBER

Our cucumber seed is grown from thoroughbred stocks carefully selected. Our packets each contain ¼ oz. of seed; and will plant from 12 to 15 hills; 2 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. **★ Use Bug Death on cucumber and other vine crops. Page 93.**

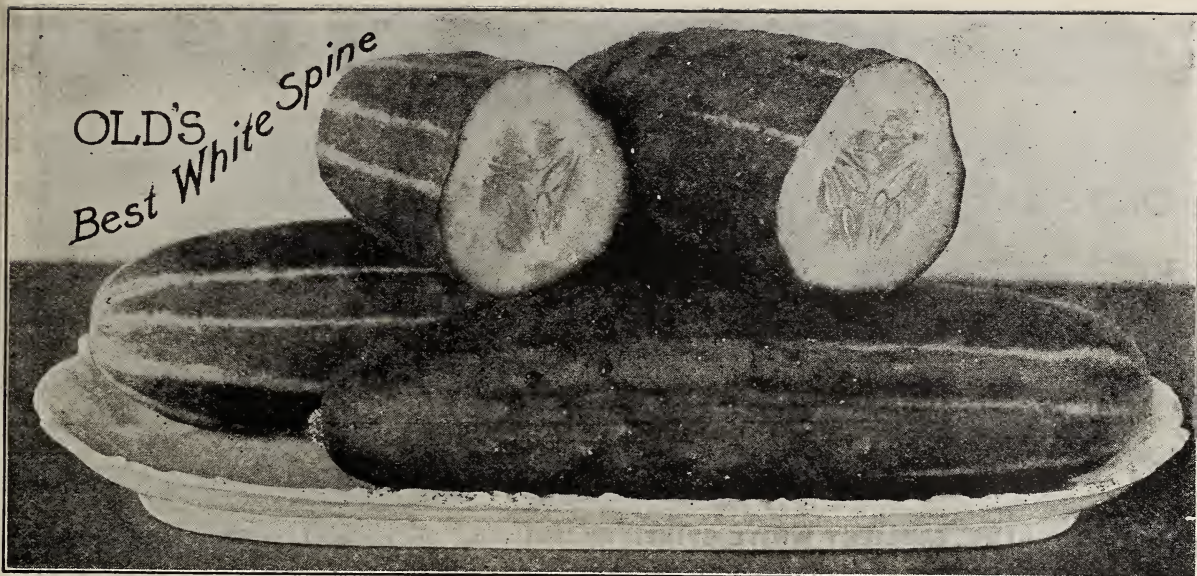


160½. **★OLDS' EARLY FORTUNE.** See illustration. One of the best cucumbers ever introduced; very productive and disease resistant, dark green skin, thick flesh, tender and crisp; fruits nine inches long, slightly tapering and fine for the home garden. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

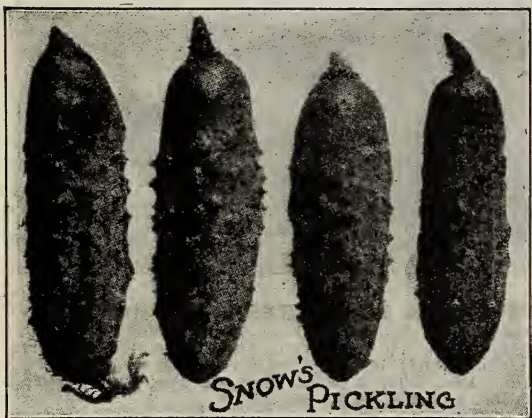


158. **★OLDS' IMPROVED CHICAGO PICKLING.** One of the best varieties for pickling. A gerat favorite with all large pickling houses. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20. Not postpaid: 3 lbs. or more, \$1.00 per lb.

USE PYROX ON CUCUMBERS. SEE PAGE 93.



164. **★OLDS' SELECT WHITE SPINE.** See illustration. Our best White Spine; no other variety excels it in quality. An extra early, select strain, almost cylindrical in shape, very productive and keeps green longer than the older varieties. Grows 7 inches long and most excellent for slicing. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.45. Not postpaid: 3 lbs. or more, \$1.25 per lb.

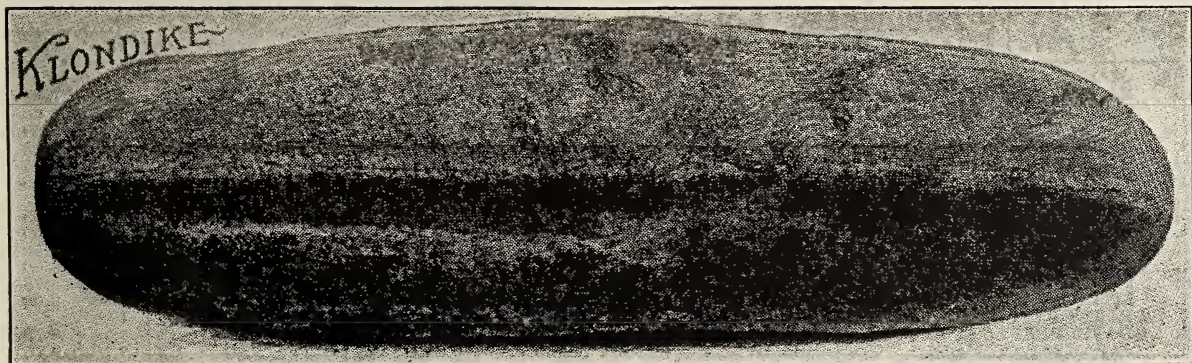


155 $\frac{1}{2}$. **OLDS' SPECIAL STOCK.** (Snow's Pickling). An early maturing variety. It is small, dark green and very popular with many growers. It resists blight and makes an ideal bottle pickle. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c. Short crop.



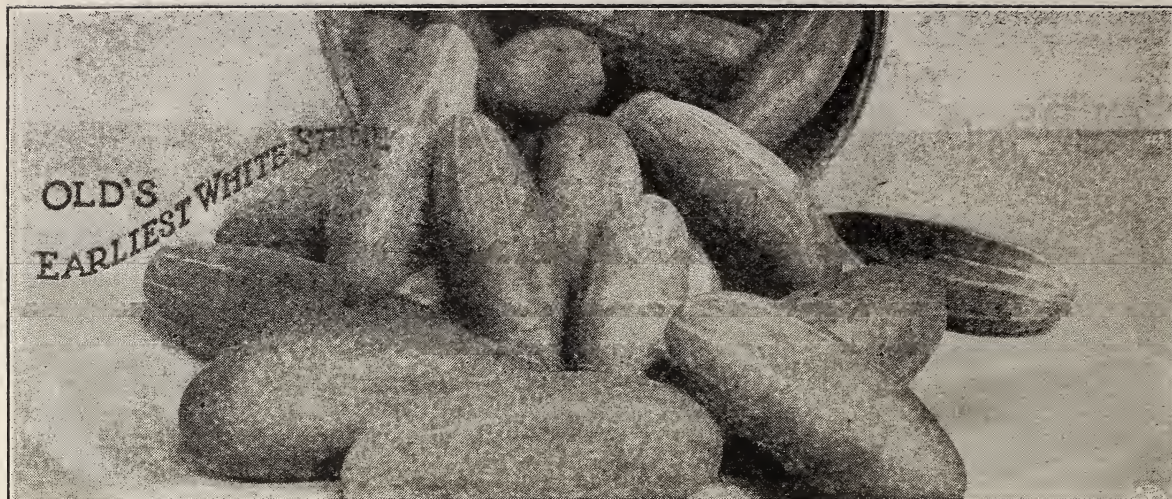
163. **★CUMBERLAND.** See illustration. One of the best all purpose cucumbers known; very prolific with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form. The flesh is firm, crisp and tender at all stages. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.45. Not postpaid: 3 lbs. or more, \$1.25 per lb.

See next page for full and complete list of cucumbers.

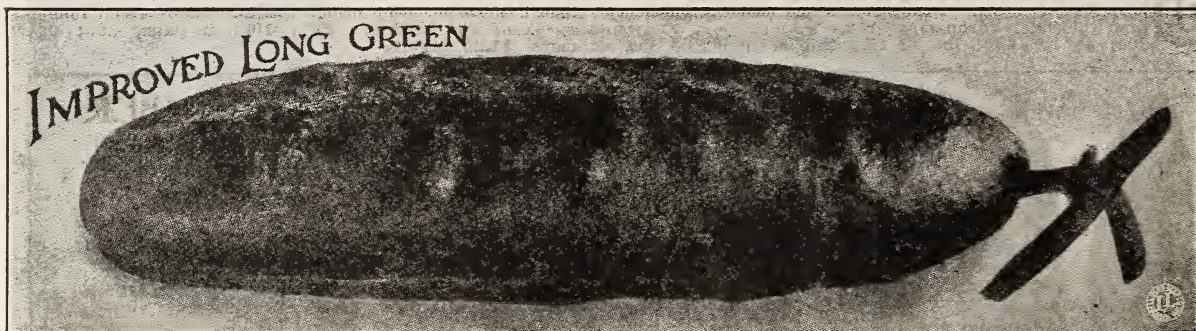


162 $\frac{1}{2}$. **KLONDIKE.** See illustration. A white spine variety, excellent for shipping to distant markets. Medium early, dark green, about 7 inches long. The fruits are thick at the stem end, very attractive in appearance, retaining color and crispness a long time. A wonderful keeper. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50. Not postpaid: 3 lbs. or more, \$1.30 per lb.

SPECIAL QUOTATIONS. If your order is fairly large—send us a list before ordering.



159½. **OLDS' EARLIEST WHITE SPINE.** See illustration. Our earliest Long White Spine Cucumber. We recommend it especially in fact for its earliness—a week or ten days earlier than Early Fortune. It is also a handsome sort: uniform in shape, tapering slightly at both ends; color deep green. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.50. Not postpaid: 3 lbs. or more, \$1.35 per lb.



165. **OLDS' IMPROVED LONG GREEN.** The standard pickling variety. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. This variety is very good for slicing, and the seed we offer is an improved strain. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.75. Not postpaid: 3 lbs. or more, \$1.60 per lb.

168. **★EARLY CYCLONE.** See illustration. The earliest cucumber in cultivation. It is short, thick and deep green in color; very even in size, smooth, tender and crisp. Is hardy, robust and free from disease. Valuable for both slicing and pickling. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.80.

Olds' Seeds are not sold on commission.

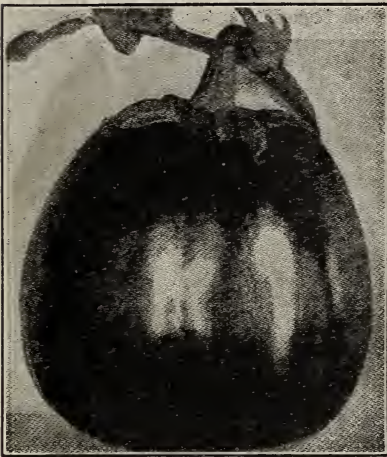
CUCUMBER. Full List.

Three pounds at 5 pound rates. Always pick cucumbers when fit for use.

		By parcel post.				
		pkt.	oz.	¼lb.	lb.	5 lbs
155½.	OLDS' SPECIAL STOCK (Snow's Pickling). See page 45.....	.10	.20	.65		
156.	EARLY GREEN CLUSTER. Fine for small pickles.....	.05	.15	.40	1.25	5.50
157.	FORDHOOK PICKLING. One of the best and very prolific.....	.05	.15	.40	1.30	6.00
157½.	SNOW'S PICKLING. An ideal bottle pickle. See page 45 for illustration.....	.05	.15	.40	1.25	5.50
158.	OLDS' IMPROVED CHICAGO PICKLING. A well known variety.....	.05	.10	.35	1.20	5.25
159½.	OLDS' EARLIEST WHITE SPINE. Our earliest long white spine.....	.10	.20	.45	1.50	6.75
160½.	★EARLY FORTUNE. One of the best cucumbers of recent introduction.....	.10	.20	.45	1.50	6.75
161.	ARLINGTON WHITE SPINE. A fine strain of White Spine.....	.05	.15	.40	1.35	
162¾.	KLONDIKE. One of the best dark green varieties for slicing.....	.10	.20	.45	1.50	6.75
163.	★CUMBERLAND. One of the best for every purpose. Page 45.....	.10	.20	.45	1.45	6.50
164.	★OLDS' SELECT WHITE SPINE. Our best White Spine.....	.10	.20	.45	1.45	6.50
165.	OLDS' IMPROVED LONG GREEN. One of the best for pickles.....	.10	.20	.50	1.75	8.00
166.	THORBURN'S EVERBEARING. A continuous bearer.....	.05	.15	.40	1.30	5.75
167.	LIVINGSTON'S EMERALD. Large, smooth, and deep green.....	.10	.20	.55	2.00	9.00
168.	★EARLY CYCLONE. King of the Earliest.....	.10	.20	.50	1.80	
169.	★DAVIS PERFECT. Unequaled for color, shape and productiveness.....	.10	.20	.45	1.50	6.75
170.	JAPANESE CLIMBING. Can be trained upon a trellis or poles.....	.10	.20	.60	2.10	9.75
171.	WEST INDIA GHERKIN or BURR. Small prickly fruits.....	.10	.20	.65	2.30	
172.	GIANT PERA. Large, long, smooth; flesh clear, crisp and tender.....	.10	.20	.60	2.10	9.75
172½.	LEMON. The Garden Lemon. Crisp and tender.....	.10	.20	.70	2.45	
173.	PARISIAN PICKLING. A distinct variety.....	.10	.20	.50	1.80	
174.	OLDS' MIXED. Cucumbers the entire season.....	.05	.10	.30	1.00	4.25

ORDER EARLY. Before March 1st. Get seed in hand before planting time.

EGG PLANT



High Bush Egg Plant. Pkt., 10c.

Egg plants are easily cultivated, but should not be transplanted until the weather is assured. Our packets each contain seed sufficient to produce from 100 to 150 plants. $\frac{1}{4}$ lb. will furnish plants enough to set one acre. We can also furnish Black Beauty, transplanted egg plants in season. Doz., 40c; 50 for \$1.25. Not postpaid: 50 for \$1.15.

180. **NEW YORK IMPROVED.** Very large, smooth and spineless. Pkt., 19; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.

181. **★BLACK BEAUTY.** The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance and entirely spineless. The fruits set freely and develop quickly. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.60; lb., \$6.25.

183. **FLORIDA HIGH BUSH.** A new variety of medium size; see illustration. It resists drought and the fruits are held well off the ground on strong upright plants. Is very productive, a good shipper and not as liable to rot as the low bush varieties. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.



ENDIVE.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

185. **GREEN CURLED.** Dark green leaves; blanches white.

186. **WHITE CURLED.** Leaves finely cut and almost white.

187. **BROAD-LEAVED BATAVIAN.** Leaves broad and thick.

USEFUL GOURDS.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

190. **JAPANESE NEST-EGG.** These resemble hens' eggs in color, form and size; they make the very best nest eggs.

191. **SUGAR TROUGH.** Useful for many household purposes.

192. **THE DIPPER.** Long fruits, straight or slightly crooked.

193. **HERCULES CLUB.** Ornamental as well as useful.

194. **ORANGE.** The size and shape of an orange.

195. **PEAR-SHAPED.** Striped yellow and green.

196. **APPLE-SHAPED.** Beautifully striped.

199. **MIXED.** All the above and other varieties mixed.

KALE OR BORECOLE.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.20.

200. **DWARF GERMAN.** Very hardy, with dark green leaves; much improved by frost.

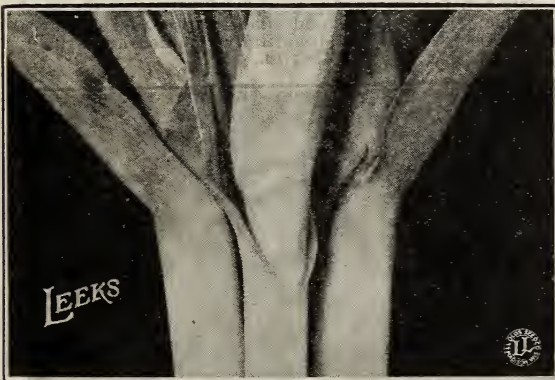
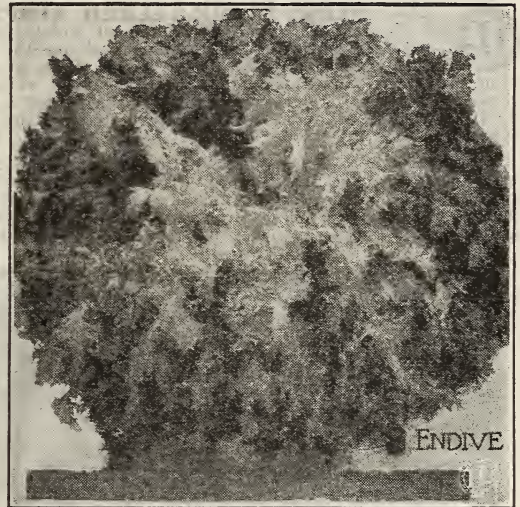
201. **DWARF CURLED SCOTCH.** Dwarf, beautifully curled, bright green and very hardy.

KOHL RABI. TURNIP CABBAGE.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

205. **EARLY WHITE VIENNA.** Probably the best early variety.

206. **PURPLE VIENNA.** A popular variety for table use.



LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. **AMERICAN FLAG.** A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

MUSTARD.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.

255. **BLACK OR BROWN.** More pungent than white.

256. **NEW WHITE CHINESE.** Large tender leaves.

257. **NEW MONSTROUS.** A new thick-leaved variety.

258. **WHITE LONDON.** Fine for salads and garnishing.



MUSHROOM.

Pure Culture Spawn.

Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 11-3 lbs. Cultural directions free with every order. One brick, 40c; 3 bricks (4 lbs.) \$1.00. Not prepaid: 1 brick, 25c; 3 bricks, 65c.

A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn for 25c, postpaid, or free (on request) with an order for 6 bricks, or more.

OKRA.

278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 65c.

LETTUCE

Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain seed sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Leaflet on Culture, free on request.



219. OLDS' BLACK-SEEDDED SIMPSON. See illustration. Probably the most widely planted loose-leaf variety. Fairly compact plant—the heart leaves curving inward. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. They may be cut when small but are better in quality if allowed to attain nearly full size and the entire plant cut at one time. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.45.

217½. MATCHLESS. See illustration, page 2; a wonderful new lettuce of distinctive, sweet, nut-like flavor and so brittle and crisp that one can hardly touch it without its snapping to pieces. It is a cross between a true head sort and a variety of the Cos or Romaine type and in many ways it is superior to either. It makes an elongated solid head, the individual leaves being slightly crumpled, pointed and dark green in color but blanching to pure white. Forces well but does best in the open garden, remaining good a long time before shooting to seed. Pkt., 15c; 2 pkts., 25c; oz., 35c.



THREE STRAINS OF BIG BOSTON.

222. BIG BOSTON. The true original strain. Makes a fairly large, very solid, well blanching, globe shaped head. In color it is light green with brown shadings around margin of outer leaves. Quality is good but slightly coarser than some other sorts. This is an early spring variety only, shooting to seed when warm weather comes. An extra good shipping sort. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c.

224. BLACK SEEDDED BIG BOSTON. An improved shipping strain of this popular sort—heading up harder and not spoiling as quickly in cold rainy weather. Pkt., 5c; oz., 15c; ¼ lb., 45c.

223. UNRIVALED. See illustration. This variety was developed by a French Seedsman from a sport of Big Boston. It differs from the parent variety chiefly in that the outer leaves are a uniform pale green without any tinge of brown. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 55c.



216. OLDS' ICEBERG. See illustration. A beautiful and easily grown lettuce of the crisp-head type. It makes firm hard heads with strong incurving ribs—blanching the heart leaves to a creamy whiteness. The quality is very good, sweet and exceedingly crisp. Iceberg is always good even after hot weather begins and it stands a long time before shooting to seed. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 55c; lb., \$1.75.

231. PARIS WHITE COS. The aristocrat of the lettuce family, the kind from which the Romaine Salad of the better restaurants and hotels is made. Just as easily grown as other varieties but very different in shape, appearance and quality. Sometimes called Celery Lettuce. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.45.

225. CALIFORNIA CREAM BUTTER. The best main-crop lettuce of the butter-head type. Thick green leaves, tinged and spotted with brown. It makes a very solid head with a fine golden yellow heart. The blanching leaves are soft, buttery, tender and crisp—an attractive, heat-resistant variety. Pkt., 5c; oz., 15c; ¼ lb., 45c.

217. IMPROVED HANSON. A great all-purpose lettuce. Better than any of the loose-leaf varieties for cutting early and later a mighty good head lettuce of the hard brittle type if given room and time to grow. The leaves are light green, tender and beautifully crinkled and frilled. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.45.



UNRIVALED. (223.) Pkt., 10c; oz., 20c.

232. OLDS' WAYAHEAD. See illustration. In our trials Wayahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery crispness. The golden yellow hearts are exceedingly tender, brittle and sweet. Wayahead is one of the surest to head of all varieties and does well early or late, in greenhouse, cold frame, or open ground. Try it. Pkt. 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

SPECIAL OFFER. One pkt. each, Olds' Wayahead (232), early butter head lettuce, Improved Hanson (217), best crisp head lettuce, New Matchless (217½), a new and unique hybrid cos. variety, and Black Seeded Simpson (219), the best early loose-leaf or cutting sort, 25 cents.

HOW TO GROW GOOD HEAD LETTUCE. Any one can do it. See that the soil is rich and in good tilth with plenty of humus. Plant the seed as early in the spring as the ground can be worked and thin out to one plant every ten inches. Dry weather spoils head lettuce. Water if necessary.

We supply our customers with choice seeds of selected strains only. As a result of this policy our customers become, in their respective localities, a standing advertisement for us and for our seeds.

G. A. Kenyon, Mt. Carroll, Ills., Nov. 3, 1922, writes: "The seeds I purchased of you last spring gave me the best results of any season of my gardening."



215. GRAND RAPIDS. (Olds' Earliest Forcing.) See illustration. A loose-leaf cutting lettuce and the earliest sort we list. It makes a rapid upright growth of dark green leaves, much crumpled, curled and frilled. It is quite good in quality, very brittle and a handsome lettuce for garnishing. Grand Rapids is extensively grown for forcing under glass—more so than any other variety, at least in this part of the country. It also gives very good results in the open ground. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.65.



226. OLDS' GOLDEN QUEEN. One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium sized, golden-yellow heads, solid, crisp and tender. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c.

220. ★EARLY PRIZE HEAD. Despite its name this lettuce belongs to the loose-leaf class although when grown rapidly on very loose soil it does show a slight tendency to head. It is a splendid lettuce for home use forming a large tender bunch of crisp, sweet, curled and crumpled leaves. In color it is a pale green, shaded with rich brownish red. A good lettuce for early or late and very slow to go to seed. Pkt., 5c; oz., 15c; ¼ lb., 40c.

227. ★MAY KING. One of the best early-heading varieties. The May King grows very quickly even in the cold weather of early spring. Habit of growth is compact and close; in fact the plant is about all head. The outer leaves are light green, showing a tinge of reddish-brown, inner leaves bright yellow and of fine rich, buttery flavor. Very early and extra fine quality. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

★WE GROW OUR OWN GLADIOLUS BULBS and we know that they are good. Turn to pages 77, 78, 79 for full description of our varieties. Gladioli will do well anywhere and in any season. On sand or clay and in dry or wet, warm or cold, they will bloom just the same.

LETTUCE. Full List.

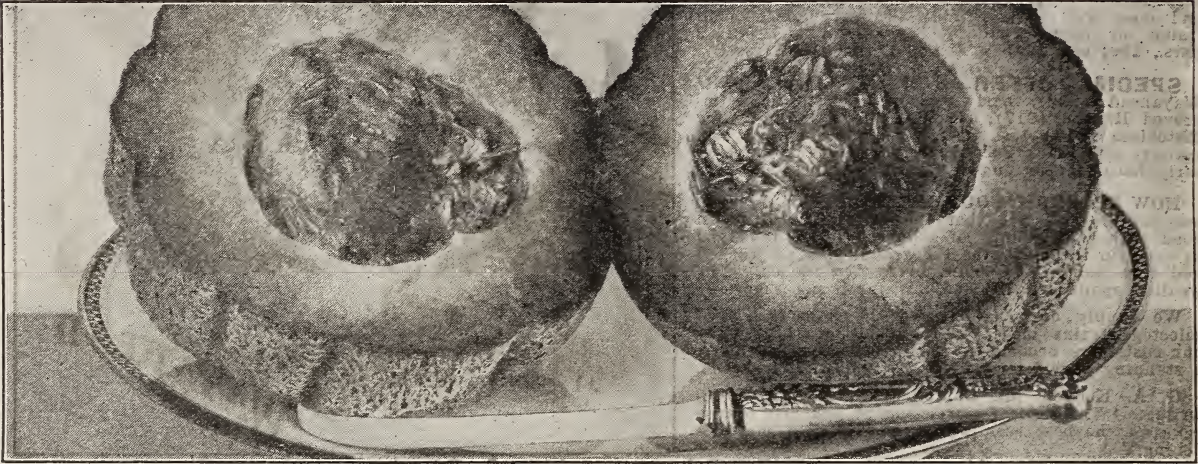
SOW LETTUCE OFTEN FOR A CONTINUOUS SUPPLY. Half pounds at pound rates.

	Parcel post.			
	pkt.	oz.	¼ lb.	lb.
215. ★GRAND RAPIDS. (Olds' Earliest Forcing). The most extensively grown forcing variety...	\$0.10	\$0.20	\$0.50	\$1.65
216. ICEBERG. Solid heads, with leaves always crisp and tender.....	.10	.20	.55	1.75
217. IMPROVED HANSON. Heads solid, crisp and tender.....	.05	.15	.45	1.45
217½ MATCHLESS. A wonderful new variety. See illustration, page 2.....	.15	.35	1.15	
219. BLACK-SEEDED SIMPSON. A popular variety; crisp and tender.....	.05	.15	.45	1.45
220. ★EARLY PRIZE HEAD. Splendid for family use.....	.05	.15	.40	1.40
221. EARLY CURLED SIMPSON. Fine for cutting, and for home use.....	.05	.15	.45	1.45
222. BIG BOSTON. One of the best large-headed varieties for forcing.....	.10	.20	.50	1.65
223. ★UNRIVALED. It is early, attractive and resists heat.....	.10	.20	.55	1.75
224. BLACK SEEDED BIG BOSTON. An improved strain of Big Boston.....	.05	.15	.45	1.45
225. CALIFORNIA CREAM BUTTER. Extra fine. See page 48.....	.05	.15	.45	1.50
226. OLDS' GOLDEN QUEEN. One of the best first early varieties.....	.10	.20	.65	...
227. ★MAY KING. One of the best early-heading variety. Can also be used for forcing.....	.10	.20	.45	1.50
228. ALL THE YEAR ROUND. One of the best varieties for market.....	.10	.20	.50	1.65
229. OAK LEAVED. Light green, in shape like an oak leaf.....	.05	.15	.45	1.50
230. TILTON'S WHITE STAR. A distinct variety of Black-Seeded Simpson.....	.10	.20	.55	1.75
231. PARIS WHITE COS. Produces long, pointed heads; compact leaves.....	.05	.15	.45	1.45
232. WAYAHEAD. A very early head lettuce. Illustrated above.....	.10	.20	.50	1.50
234. OLDS' LETTUCE MIXTURE. Salad throughout the whole season with one sowing.....	.05	.15	.40	1.35

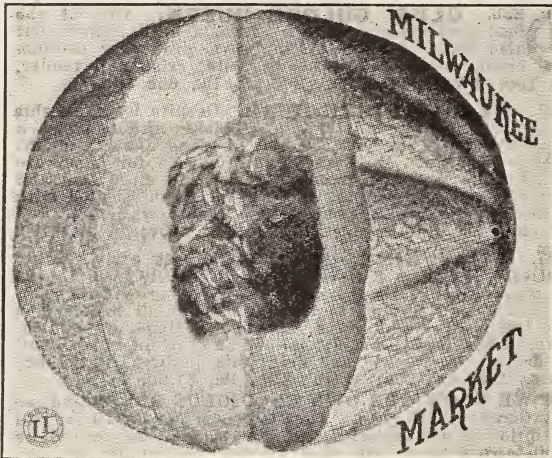
SEE BACK COVER PAGE FOR "OLDS' DOLLAR COLLECTION," OF WISCONSIN STANDARDS.

MUSKMELON

Our Muskmelon Seed is the best that can be grown. Each packet contains seed enough to plant from 10 to 15 hills; 2 to 3 lbs. will plant one acre in hills. Those marked with a star are the varieties we especially recommend. Order by number. Leaflet on culture for melons, free on request.



244. **★OLDS' ROCKY FORD** or **NETTED GEM**. The melon that has made Rocky Ford Famous. See illustration. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25. Not postpaid: 3 lbs. or more, \$1.10 per lb.



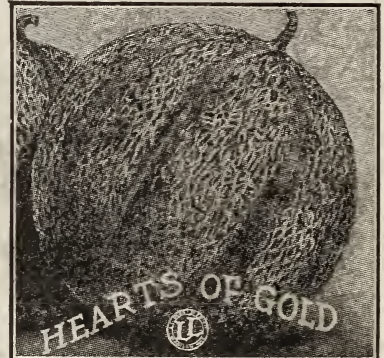
241 $\frac{1}{2}$. **MILWAUKEE MARKET**. One of the best melons for market and the home garden. Prolific, vigorous in growth and unsurpassed in flavor. This new melon made its appearance in Milwaukee a few years ago. It originated as a cross between the Surprise and a Gem melon. The skin is light green, fruits nearly round, with only slight sutures. The flesh is a deep salmon color, thick, firm and solid and possesses a rich aromatic flavor, very uniform in size and every melon is a good one. These melons are becoming very popular in market, often selling for \$5.00 a crate. As a market gardener's melon we believe it has no equal. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.65.

242. **BURRELL'S GEM**. The golden fleshed Rocky Ford. Burrell's Gem, which is an improved Rocky Ford, averages 2 lbs. in weight, 6 inches in length and 4 $\frac{1}{2}$ inches across. It is very solid and has a small seed cavity. The flesh is very thick. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

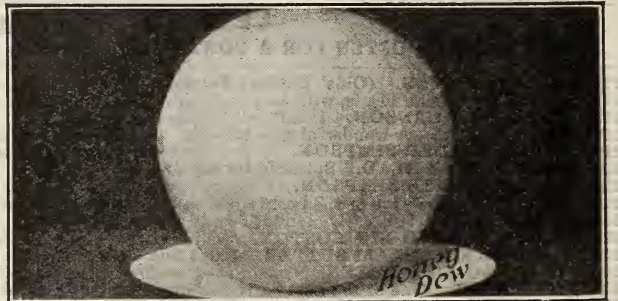
235. **LAKE CHAMPLAIN**. See page 2, for full description and illustration. Lake Champlain is the first to ripen—it is sweet and delicious; very productive, altogether an ideal melon. Pkt., 15c; 2 pkts., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

247 $\frac{1}{2}$. **GOLD LINED ROCKY FORD**. One of the sweetest and most delicious melons grown. The flesh is

thick, very tender and of a beautiful green color, with a gold margin next to the seed cavity. It is slightly oval in shape, no ribs, and is heavily netted over the entire melon. The Gold Lined is a new melon, recently introduced by one of the most reliable growers of Rocky Ford, Colo. Our seed is from the originator. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.



247. **HEARTS OF GOLD**. (Hoodoo). See illustration. Just the right size for shipping. Flesh deep orange, extremely thick, fine grained, of sweetest flavor and ripening thoroughly to the rind. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.40.



253. **HONEY DEW MELON**. See illustration. The famous Honey Dew is as sweet as honey and has several flavors, including pineapple, banana and vanilla. Flesh green, very thick, melting and fine grained. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 50c.

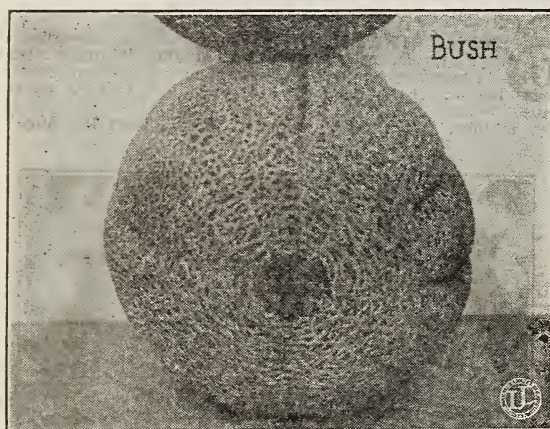
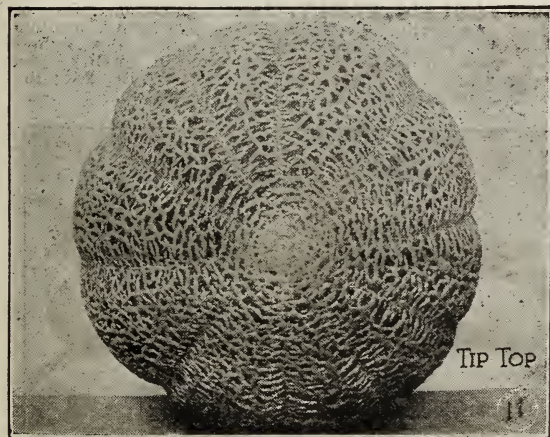
"OLDS' CATALOG TELLS THE TRUTH"



239. ★**OLDS' SELECT OSAGE.** See illustration. The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted, with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35. Not postpaid: 5 lbs., \$6.00.



245. ★**OLDS' EARLY MODEL.** The perfect Muskmelon. See illustration. The Model averages about two pounds in weight; is perfect in shape. Very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75. Not postpaid: 3 lbs. or more at \$1.60 per lb.



254. **TIP TOP.** Handsome in appearance, round in shape, beautifully netted, of excellent flavor, firm, sweet and juicy. Yellow fleshed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40.

251. **NEW BUSH.** Distinctly a bush variety, ripening very early. It can be grown in hills three feet apart. The fruit is of the "Jenny Lind" type. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c.

MUSKMELON. Complete List.

By parcel post.

When melons crack around the stem they are ripe. Half-pounds at pound rates.

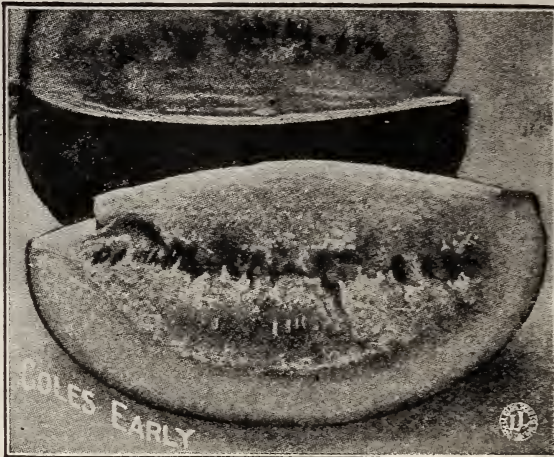
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.
235.	LAKE CHAMPLAIN. The first to ripen, sweet and delicious. See page 2.	.15	\$0.40	\$1.25	
236.	EXTRA EARLY HACKENSACK. Earlier and larger than the old Hackensack.	.10	.20	.45	1.45
238.	EMERALD GEM. One of the sweetest melons in cultivation.	.05	.15	.45	1.50
239.	★ OLDS' SELECT OSAGE. The most popular melon with our customers.	.05	.15	.40	1.35
240.	MONTREAL NUTMEG. A large, late variety, of superior quality.	.05	.15	.45	1.50
240 $\frac{1}{2}$.	EXTRA EARLY OSAGE. A new early variety; salmon-colored flesh.	.10	.20	.45	1.50
241.	CHAMPION MARKET. As early as Netted Gem; large and prolific.	.05	.15	.45	1.45
241 $\frac{1}{2}$.	MILWAUKEE MARKET. One of the best melons for the home garden and market. Page 50.	.10	.20	.50	1.65
242.	★ BURRELL'S GEM. The golden-fleshed Rocky Ford.	.05	.15	.40	1.25
243.	PAUL ROSE or PETOSKEY. Salmon-colored flesh, very sweet and highly flavored.	.10	.15	.40	1.40
243 $\frac{1}{2}$.	★ FORDHOOK. A handsome, new melon; very prolific.	.05	.15	.45	1.50
244.	★ OLDS' ROCKY FORD. The melon that has made Rocky Ford, Colo., famous.	.05	.15	.40	1.25
244 $\frac{1}{2}$.	TEXAS CANNON BALL. The melon with the smallest seed cavity.	.05	.15	.40	1.30
245.	★ OLDS' EARLY MODEL. The perfect muskmelon; withstands drought.	.10	.20	.50	1.75
246.	MAMMOTH GIANT. The largest good muskmelon grown.	.10	.20	.45	1.50
247.	HEARTS OF GOLD (Hoodoo). A good all-purpose melon. Page 50.	.10	.20	.45	1.40
247 $\frac{1}{2}$.	GOLD LINED ROCKY FORD. Thick flesh, with a gold margin next to the seed cavity.	.10	.20	.45	1.45
248 $\frac{1}{2}$.	BANANA. A delicious melon, shaped and flavored like a banana.	.10	.20	.45	1.45
249.	★ OLDS' MIXED. A selection of varieties grown separately and the seed mixed together.	.05	.15	.40	1.20
250.	MANGO MELON. Vegetable Orange or Vine Peach.	.10	.20	.50	1.75
251.	NEW BUSH. A bush variety—can be planted in hills three feet apart.	.10	.25	.75	2.50
252.	WINTER MUSKMELON. Golden Beauty Casaba. The Eastern Trade prefers it to any other. Give it a trial.	.10	.20	.50	1.60
253.	HONEY DEW MELON. As sweet as honey. Can be eaten to the extreme rind.	.10	.20	.50	....
254.	TIP TOP. Handsome, round, sweet and juicy. Illustrated above.	.05	.15	.45	1.40

WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed growers of experience. Our packets each contain seed, sufficient to plant from 8 to 12 hills; 4 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Three pounds or more at 5 pound rates. Market Gardeners should write for our market gardeners' net price list—free on request. Leaflet on melon culture, free on request.



268½. BRAZILIAN. The prize melon—give it a trial. Dorothy Cornell, of Mayer, Minn., writes: "I received a packet of your new Brazilian Watermelon. I have never had any luck raising watermelons before but this year had some very nice, sweet, juicy melons." Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 60c.



262. ★COLE'S EARLY. See illustration. One of the best and earliest of the early sorts; hardy, medium size, nearly round; rind dark green, striped a lighter shade; flesh deep pink and excellent in quality—just right for family use. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 65c. Not postpaid: 3 lbs. or more, 50c per lb.



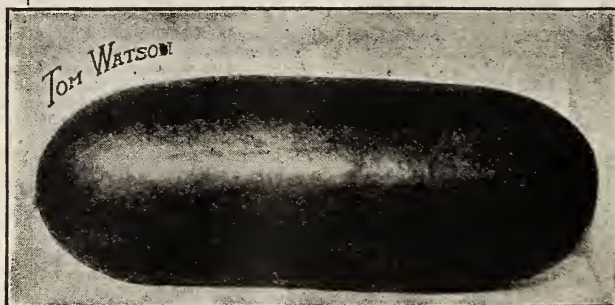
265. OLDS' 1908 MELON. (Chilian). See illustration above. This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 30c; lb., 80c.

267. ★ICE CREAM OR PEERLESS. A standard home melon. Early, of medium size and very productive; rind thin and light green; flesh bright scarlet and very sweet. A favorite with our customers. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 65c. Not postpaid: 3 lbs. or more, at 50c per lb.

F. M. Leusch, Meadow, S. Dak., writes: "We had ¼ lb. of your Honey Dew melon last year and we were much pleased with it. The ripe ones make fine preserves. I kept some until Jan. 20, they take the place of apples."



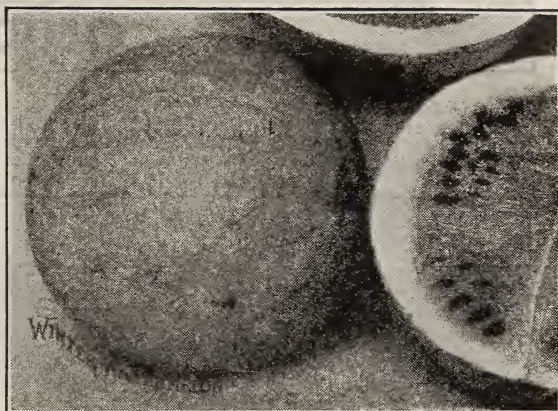
270. ★KLECKLEY SWEETS. See illustration above. One of the finest and sweetest melons for home use; handsome in appearance; flesh bright scarlet, crisp and tender. We sell more seed of this variety than any other. Early. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 70c. Not postpaid: 5 lbs., \$2.50.



271½. TOM WATSON. See illustration. One of the main crop sorts; grows to a large size; flesh rich red, crisp, melting and fine flavored. It is a most excellent shipper. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 65c. Not postpaid: 3 lbs. or more, at 50c per lb.



270½. KLONDIKE. See illustration. The sweetest melon grown. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 35c; lb., \$1.00. Not postpaid: 3 lbs. or more, 85c per lb.



276½. OLDS' WINTER. See illustration. The Winter Watermelon is earlier than "The Sweet-heart," almost as hard and solid as a citron but it is not a citron. The melons are almost round with a light green skin. Flesh is red, firm and sweet. Very prolific and well adapted to this section of the country. On account of its wonderful keeping qualities, this variety will give splendid satisfaction to those who want a winter melon. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 35c; lb., \$1.00.



268. IRISH GREY. See illustration. A new heat resistant grey melon; deep red flesh, hard and sweet, without hard center. The Irish Grey closely resembles Kleckley Sweets except the color. A good shipper and becoming a great favorite. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 25c; lb., 75c.

Mrs. Viola A. Aldrich, Sioux Falls, S. D., writes: "The Irish Grey Watermelons were fine. They ripened before Hungarian Honey, planted the same time. They had a very firm, thin rind and the flesh was very sweet."



273. HALBERT HONEY. See illustration. A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the Northern states. It is not a good shipper, but it is one of the sweetest melons yet introduced. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c. Not postpaid: 2 lbs. or more, 65c per lb.


See Back Cover Page for "OLDS' DOLLAR COLLECTION." WISCONSIN STANDARDS.

WATERMELON. Full List.

3 lbs. at 5 pound rates. Dust Young Watermelon Plants With Bug Death—Page 93.

		By parcel post.				
		pkt.	oz.	¼ lb.	lb.	5 lbs.
260.	WONDERFUL SUGAR. (McIver's.) One of the sweetest home garden melons.....	\$0.05	\$0.15	\$0.25	\$.75	
261.	SWEET HEART One of the best for shipping. Fruit large oval, very light green, slightly mottled. Flesh bright red, firm, crisp and melting.....	.05	.15	.25	.65	2.75
262.	★COLE'S EARLY. A very early melon; just right in size and shape.....	.05	.15	.25	.65	2.50
263.	FORDHOOK EARLY. The earliest large melon; a good shipper. Melons large, skin dark green; flesh bright red, crisp and sweet.....	.05	.15	.25	.70	
265.	OLDS' 1908 MELON (Chilian). One of the most profitable varieties. Page 52.....	.10	.20	.30	.80	
267.	★ICE CREAM or PEERLESS. A standard home variety.....	.05	.15	.25	.65	2.50
268.	IRISH GREY. A new gray variety. Illustrated and described above.....	.10	.20	.25	.75	3.00
268½.	BRAZILIAN. Sweet, luscious and attractive. See page 52.....	.05	.15	.25	.60	2.50
269.	GIRARDEAU'S TRIUMPH. Large, prolific and sweet. A good shipper.....	.05	.15	.25	.65	2.75
270.	★KLECKLEY SWEETS. One of the finest melons yet introduced.....	.05	.15	.25	.70	2.75
270½.	KLONDIKE. The sweetest melon grown—try it.....	.10	.20	.35	1.00	4.25
271.	ALABAMA SWEET. An early maturing melon. Color deep green, rind thin but tough, flesh bright red, fine grained and sweet; an excellent shipper.....	.05	.15	.25	.65	2.75
271½.	TOM WATSON. A new Watermelon of merit. A main crop sort. Page 52.....	.05	.15	.25	.65	2.75
272.	BLACK DIAMOND. A new melon—large and productive; a good shipper.....	.05	.15	.25	.70	2.75
272½.	GOLDEN HONEY. A beautiful golden-flesh melon. One of the finest in quality.....	.05	.15	.25	.75	3.25
273.	HALBERT HONEY. A new melon; one of the best for the home garden.....	.05	.15	.25	.75	3.25
274.	HUNGARIAN HONEY. A superb melon and one of the sweetest. A prolific yielder; color, dark green; flesh bright red, ripening clear to the rind.....	.05	.15	.25	.75	3.00
275.	PRESERVING CITRON. Colorado Preserving. The most desirable.....	.05	.15	.25	.75	3.25
276.	GEORGIA RATTLESNAKE. A large, oblong, dark green melon.....	.05	.15	.25	.70	3.00
276½.	OLDS' WINTER. The Winter Watermelon. A long keeper. Illustrated above.....	.10	.20	.35	1.00	4.50
277.	MIXED. Will produce choice melons throughout the whole season.....	.05	.15	.25	.60	2.25

ONION SEED

Our Onion seed has been proved by test, and is all right. Packets each contain seeds, sufficient to sow from 25 to 30 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Order by number.  Three pounds or more at 5-lb. rates. Market gardeners' price list free on request for those who raise vegetables to sell. Leaflet on proper culture for onions, free on request.



285. ★OLDS' YELLOW GLOBE DANVERS. See illustration. Olds' Yellow Globe Danvers forms a solid onion of almost true globe shape, averaging about three inches through. In color the bulbs are a rich satiny yellow. The snow white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish type onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market sort, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.15. Not postpaid: 3 lbs. or more, \$1.95 per lb.



293. WHITE PORTUGAL (Silver Skin). A handsome early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but very decidedly flattened. It is fairly mild, very tender and a good keeper for a white sort. The finest small white sets are grown from this variety when the seed is sown thickly in the row. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 70c.

BOOK, Onions, 95 pages, illustrated. Year after year the onion has proved to be the most profitable of special crops. This book gives in condensed form the knowledge needed to grow onions successfully in a commercial way. A very practical work and one from which even the experienced grower will get new ideas. Price, 50c, postpaid.



300. OLDS' SELECT OHIO YELLOW GLOBE. A selection from the Yellow Globe Danvers made by onion growers in Lake County, Ohio. A highly bred variety and especially valuable on muck or peat lands and on very rich high ground soils. Rather deeper globe shape than the Danvers and nearly as early. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 65c.

296. MAMMOTH SILVER KING. One of the largest in cultivation. The Silver King is a large handsome pure white onion, being flattened but thick. The skin is of a beautiful silvery white; flesh snowy, tender, mild and sweet in flavor. Its large size and handsome appearance commend it for exhibiting at fairs. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.65.



SPANISH TYPE ONIONS.

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. For this reason we do not recommend planting them in Northern Wisconsin and similar latitudes. In the central and southern parts of this state, however, they do very well. One pkt. each, 297, 288, 297 $\frac{1}{2}$, 25 cents.



297. OLDS' PRIZE-TAKER. See illustration. The Prize-Taker might almost be called an American onion for it is the result of selection in this country since 1887, the original seed coming from Spain. Bright straw yellow in color and of good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild sweet flavor and a fair keeper, ripening evenly. Pkt. 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.35. Not postpaid: 3 lbs. or more \$2.15 per lb.

288. AILSA CRAIG. An English strain of Spanish onion, much like the Prize-Taker but a considerably better keeper. A fine salad sort, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

297 $\frac{1}{2}$. GIGANTIC GIBRALTAR. The largest, mildest and sweetest of all onions. Creamy straw colored bulbs, excellent for slicing, never the least bit strong, but brittle, juicy and with a sweet, almost sugary, flavor. Late in season and ripening rather unevenly but will give a better crop in a dry year than any other onion we list. In size it is the largest of all. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.10.

SIX SOUTHPORT GLOBES.

Heavy yielding sorts, much grown for the winter market, especially on well-enriched, high ground soils containing some clay.

290. SOUTHPORT YELLOW GLOBE. A ball-shaped onion of fine golden yellow color, growing somewhat larger, and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. It is an excellent keeper and much esteemed by commercial growers. Our strain is very uniform and true to type with small thin neck. The bulbs ripen off evenly and cure quickly, bringing top prices on all western markets. Under high culture this onion has yielded better than eight hundred bushels to the acre. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

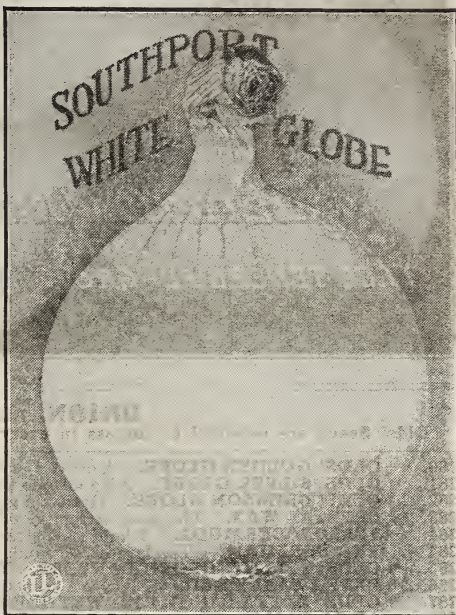
280. OLDS' GOLDEN GLOBE. Extra Select Southport Yellow Globe. Eastern grown seed. Pkt., 10c; oz., 30c; ¼ lb., 85c.

291. SOUTHPORT LARGE RED GLOBE. See illustration. In shape much like the Southport Yellow except that the globe form is more perfect. In onion growing regions it is the most popular market variety and we have customers who buy from us over 200 pounds of this seed a year for their own planting. The Southport Red Globe is one of our specialties and our stock seed is grown from carefully selected, hand-sorted bulbs. The high breeding shows in the rich, satiny dark red coloring and in the small neck. A good keeper and very productive. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.15.

282. OLDS' CRIMSON GLOBE. Extra Select Southport Red Globe. Eastern grown seed. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 80c.

292. SOUTHPORT WHITE GLOBE. See illustration. A handsome onion with a pure paper white skin when properly cured and not allowed to sunburn after it is ripe. Globe shape and a good keeper for a white sort. Most retail customers prefer a white onion and we consider this as unquestionably the best white market variety. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.65.

281. OLDS' SILVER GLOBE. Extra Select Southport White Globe. Eastern grown seed. Pkt., 10c; oz., 35c; ¼ lb., 95c.



BEST LONG KEEPERS.

287. OLDS' EXTRA LARGE RED WETHERSFIELD. See illustration. An old American variety, grown long before the Civil War near the town of Wethersfield in Connecticut. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. In fact this sort will stand more grief than any other onion and still give a fair yield. The crisp rose tinged flesh is more pungent than in the Spanish and Bermuda type onions but not more so than in the Danvers and Southport Globes, while it is considerably sweeter and juicier. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

299. AUSTRALIAN BROWN. Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel of bulbs will weigh several pounds more than the standard legal weight for a bushel of onions. It is an ideal sort for shipping or storing. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15. Not postpaid: 3 lbs. or more, at 95c per lb.

295. OLDS' LONGKEEPER. (Australian Yellow Globe). A yellow globe-shaped strain selected from the Australian Brown and much like it except in color. Pkt., 5c; oz., 25c; ¼ lb., 65c; lb., \$2.40.

ONIONS FOR PROFIT.

For the man with some spare time and a small area of fairly rich land we recommend the growing of onions. Few crops give as big proportionate returns and the market is usually very good. Given proper care 500 to 800 bushels to the acre may be expected. The price seldom falls below one dollar per bushel and usually it is much more. Do not think this is an easy way to get rich, though, for growing an acre of onions means a lot of hard work. Also you will have to hire some extra help during weeding time. Close attention to detail counts all the way through but more important than any other factors in making an onion crop are plenty of fertilizer and plenty of weeding. We can sell you fertilizer (page 91) and we will gladly give you cultural information but the weeding depends on you.

SPECIAL OFFER. Four pounds of onion seed, enough for one acre: One pound each, Yellow Globe Danvers (285), long keeping yellow, Prizetaker (297), sweet, mild yellow for early winter, Red Wethersfield (287), long keeping red and Southport White Globe (292), best market white, amounting to \$9.40 for \$9.00, postpaid.

ORDER EARLY. See our special offer for early orders.



We state under the vegetable seed headings what each packet will plant, also how much seed it requires to plant an acre.

CULTURAL DIRECTIONS printed on every packet, and ounce package.

Full and complete list of onions next page.



BERMUDA ONIONS.

Bermuda Onions are becoming more popular every year. They succeed well in the north if planted on rich soil and kept watered. For salad purposes they are unsurpassed.

283. CRYSTAL WAX. The most attractive and the most profitable variety. It is large, pure white, very early, mild in flavor, in fact can be eaten out of the hand like an apple. It can be grown under northern conditions and is very fine for slicing. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 95c; lb., \$3.65.

284. YELLOW BERMUDA. The standard variety; identical with Crystal Wax except that the color is pale yellow. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 90c; lb., \$3.40.

284½. RED BERMUDA. The largest variety. Price, same as for Yellow Bermuda. One packet each of the above Red, White and Yellow, for 25 cents.

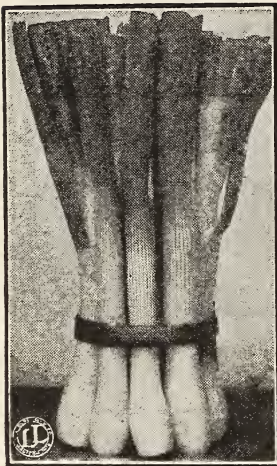
ONION. Full List.

Olds' Seeds are essential to success in every garden. Half-pounds at pound rates.

		By parcel post.				
		pkt.	oz.	¼ lb	lb.	5 lbs.
280.	OLDS' GOLDEN GLOBE. A great market onion.....	\$0.10	\$0.30	\$0.85	\$3.00	
281.	OLDS' SILVER GLOBE. A handsome variety.....	.10	.35	.95	3.35	
282.	OLDS' CRIMSON GLOBE. Hardy; a good keeper and a big yielder.....	.10	.30	.80	2.85	
283.	CRYSTAL WAX. The most attractive of the mild Bermuda Onions.....	.10	.30	.95	3.65	
284.	YELLOW BERMUDA. A light pale straw yellow in color, almost white.....	.10	.30	.90	3.40	
284½.	RED BERMUDA. The largest Bermuda variety.....	.10	.30	.90	3.40	
285.	★OLDS' YELLOW GLOBE DANVERS. The standard Yellow Globe.....	.10	.20	.60	2.15	\$10.00
286.	EXTRA EARLY RED. (Flat.) A very early and fairly mild onion.....	.05	.20	.65	2.25	
287.	OLDS' EXTRA LARGE RED WETHERSFIELD. A carefully selected strain.....	.05	.20	.65	2.25	10.50
288.	ALISA CRAIG. The best keeper of the large mild sorts.....	.10	.25	.70	2.50	11.75
290.	SOUTHPORT YELLOW GLOBE. A heavy yielder.....	.05	.20	.65	2.25	10.50
291.	★SOUTHPORT LARGE RED GLOBE. The most perfect globe-shaped onion.....	.05	.20	.60	2.15	10.00
292.	★SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion.....	.10	.25	.75	2.65	12.50
293.	WHITE PORTUGAL or Silver Skin. A tender good quality early white.....	.10	.25	.70	2.50	11.75
294.	YELLOW DANVERS FLAT. The original type from which the Globe Danvers was selected. A good all around sort, ripening very early.....	.05	.15	.40	1.35	6.25
295.	OLDS' LONGKEEPER. Early, a sure cropper, and a good keeper and shipper.....	.05	.25	.65	2.40	11.25
296.	MAMMOTH SILVER KING. An onion of Italian origin growing to a very large size. In flavor it is tender and mild, excellent for slicing.....	.10	.25	.75	2.65	12.50
297.	★PRIZE-TAKER. The genuine. Large and handsome.....	.10	.25	.65	2.35	11.00
297½.	GIGANTIC GIBALTAR. Surpassed in mild sweet flavor only by the White Queen.....	.10	.25	.60	2.10	10.00
299.	AUSTRALIAN BROWN. An extra hard variety from the South Seas.....	.05	.15	.35	1.15	5.00
299½.	YELLOW STRASBURG. A good early onion if planted thinly but chiefly used for producing small, round, hard sets.....	.05	.15	.40	1.35	6.25
300.	OLDS' SELECT OHIO YELLOW GLOBE. See page 54.....	.10	.20	.65	2.25	10.50
303.	★OLDS' EARLY WHITE QUEEN. The mildest and sweetest onion grown. Extra early and rather small. Much used for pickling.....	.10	.25	.85	2.90	13.75
303½.	WHITE WELSH. A hardy perennial variety. Most suitable for green onions.....	.10	.30	.90	3.40	

304. **MIXED ONION SEED.** Red, white and yellow onions of all shapes and flavors. Just the thing for variety. Good seed. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.25.

ONION SETS



Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets are nice and just the right size. One pound will plant a row 50 feet long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. White Multipliers are fine for bunching greens. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Leaflet on Onion Set culture, free on request.

WHITE BOTTOM. The finest small, round, hard sets for growing either young green onions for salad use or large dry onions for cooking and flavoring. ½ lb., 20c; lb., 30c. By express, or freight, not prepaid: lb., 25c; 4 lbs., 65c; 8 lbs., \$1.15; bu. (32 lbs.), \$4.00.

YELLOW BOTTOM. Dry onions grown from these are very good keepers. Also used for green onions. ½ lb., 20c; lb., 25c. By express or freight, not prepaid: lb., 20c; 4 lbs., 55c; 8 lbs., \$1.00; bu. (32 lbs.), \$3.50.

RED BOTTOM. Much like the above except in color. Price the same as for Yellow Bottom.

EGYPTIAN OR PERENNIAL WINTER TOP. A hardy onion, the clumps lasting for years if a few stalks are left undisturbed. May be planted in either spring or fall and furnishes the very earliest green onions of the season but never makes a dry bulb of usable size. ½ lb., 20c; lb., 25c. By express or freight, not prepaid: lb., 20c; 4 lbs., 55c; 8 lbs., \$1.00; bu. (28 lbs.), \$3.50.

RED SUMMER TOP. A distinct and valuable sort used only for growing large dry onions. Plant in the spring—with proper care each set planted should produce by the first of August, a single large, firm onion of very good cooking and keeping qualities. Crop failed.

WHITE MULTIPLIER. Silvery white sets from which may be grown green onions of the sweetest and mildest flavor, tender and brittle. Each set planted grows into a cluster of little onions. If the bulbs are allowed to ripen off the larger size may be used for boiling or stewing and the smaller for pickling. ½ lb., 25c; lb., 35c. By express or freight, not prepaid: lb., 30c; 4 lbs., 90c; 8 lbs., \$1.65; bu. (32 lbs.), \$6.00.

GARLIC SETS. For flavoring. ½ lb., 30c; lb., 50c. Not prepaid: 4 lbs., \$1.50.

Geo. A. Benedict, Cobleskill, N. Y., writes: "I raised 4½ bushels onions from the ounce of Alisa Craig onion seed purchased of you. They are fine, large, mild and sweet." See back cover page for Olds' Dollar Collection.

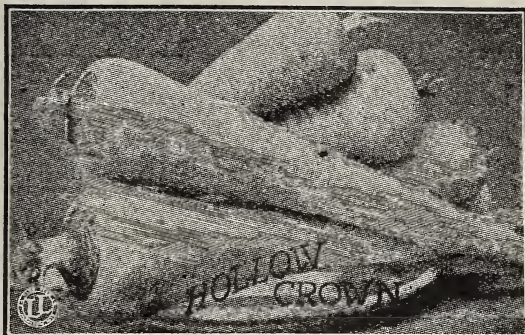
PARSNIP

While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 25 feet long; 5 lbs. will seed one acre.

	By parcel post.			
	pkt.	oz.	¼ lb.	lb.
310. ★IMPROVED GUERNSEY. The best variety; roots smooth and easily harvested.	\$0.05	\$0.20	\$0.50	\$1.60
311. HOLLOW CROWN. The old standard variety.	.05	.20	.40	1.50
312. EARLY SHORT ROUND. Early and well adapted to any soil.	.05	.20	.45	1.50

310. **★IMPROVED GUERNSEY PARSNIP.** An improved strain and one that has given general satisfaction. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.60.

☛ If you have anything new that is good write about it.



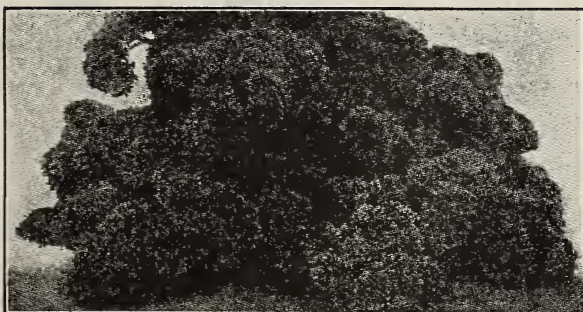
PARSLEY

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre.

308. **OLDS' DWARF PERFECTION.** See illustration. A very attractive plant; bright, pea-green, moss curled leaves of excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

309. **HAMBURG (TURNIP ROOTED.)** A turnip-rooted variety; resembling a small parsnip—rich and distinctive in flavor. The roots may be stored for winter use. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

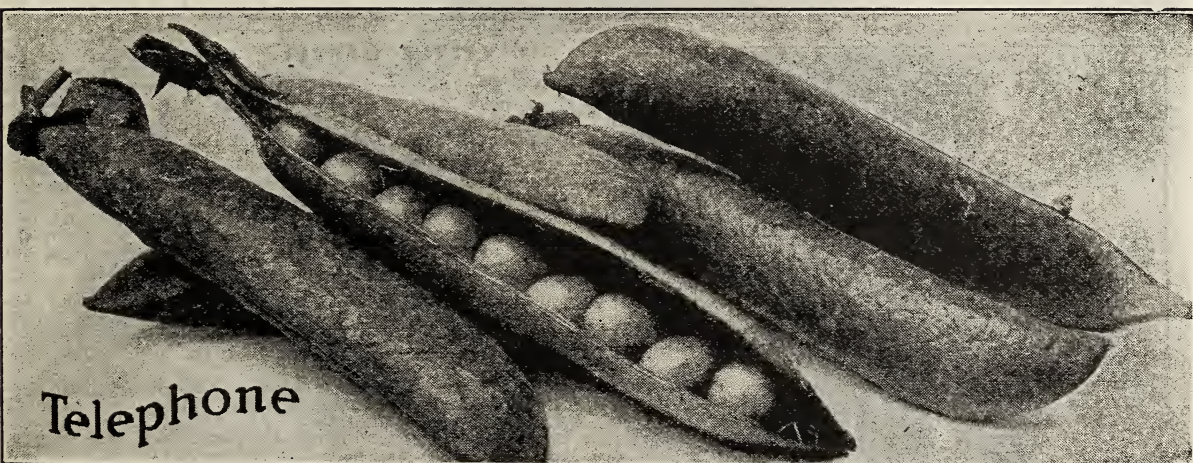
305. **CHAMPION MOSS CURLED.** Beautifully curled and crumpled leaves—just right for seasoning; also useful for salads and garnishing. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



PEAS

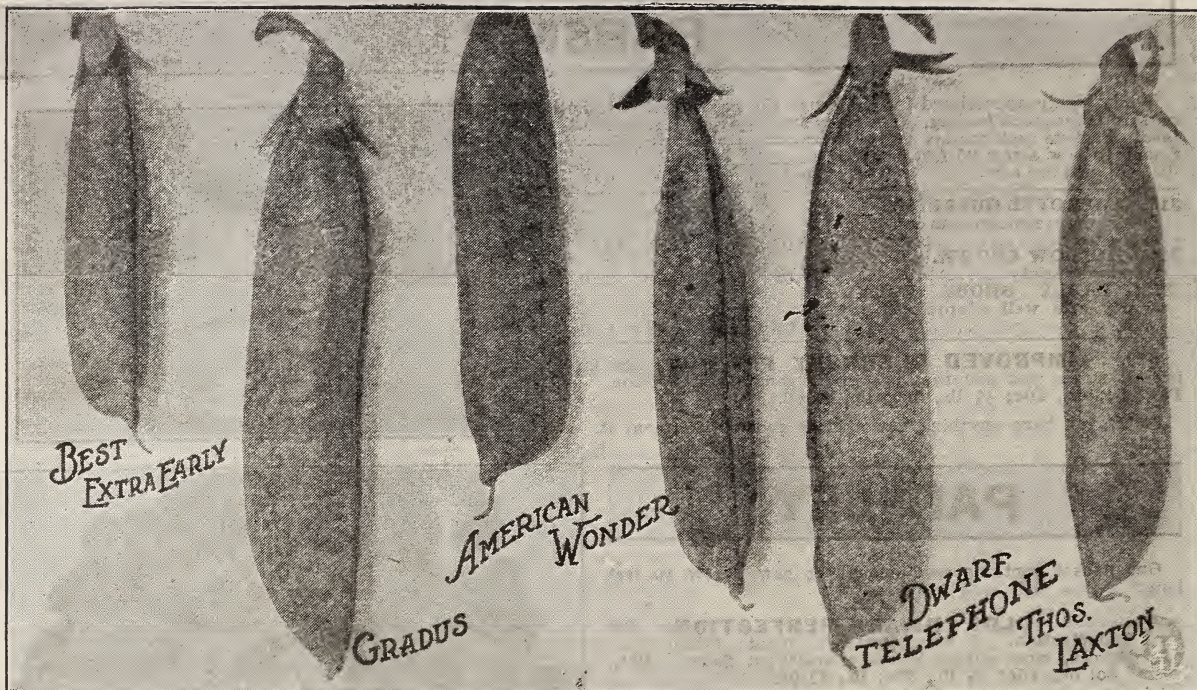
Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain sufficient seed to plant from 10 to 15 feet of drill; one pound will plant 75 feet; 90 to 120 lbs. an acre. Those marked thus (*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Leaflet on How to Grow Peas, free on request. We pay postage on peas, unless otherwise mentioned.

320½. **★OLDS' BEST EXTRA EARLY.** The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Olds' Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 50c.



322. **TELEPHONE.*** See illustration. A leading market gardeners' variety. The vines are tall and vigorous, producing an abundance of large well filled pods. It comes into use soon after Little Gem. Also one of the best sorts for the home garden. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c. Full and complete list of Peas—page 59.

ORDER EARLY OFFER. Get seed in hand before planting time. See our Specials.



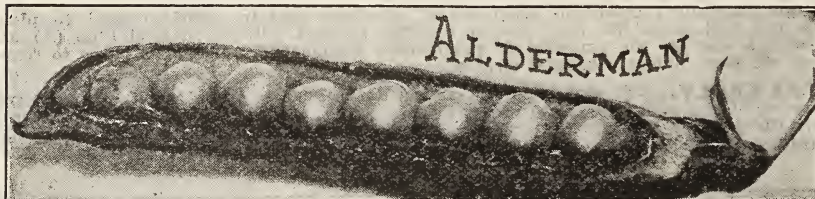
324. ★GRADUS.* Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

330. AMERICAN WONDER.* A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt., 10c; lb., 30c; 2 lbs., 55c.



335. ★OLDS' DWARF TELEPHONE.* One of the most prolific dwarf varieties; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green peas of the best quality. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

334. THOMAS LAXTON.* A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 2½ to 3 feet high; pods large and well filled; peas dark green, sweet and fine-flavored. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.



333½. ALDERMAN.* See illustration. A new mid-season variety, something like the Telephone only better. The vine is a vigorous grower; producing well-filled, dark green pods in abundance. The peas are fine flavored and most excellent in quality. We recommend this variety as well adapted to the home garden. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.



339. LITTLE MARVEL.* A new English market variety. It is early, dwarf and a great improvement over Nott's Excelsior and American Wonder. It produces dark green pods, well filled with delicious peas. The vines are very productive and the pods are usually borne in pairs. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.

320. ★SURPRISE.* A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; lb., 30c; 2 lbs., 55c.

326½. PIONEER.* A recent introduction and one destined to become very popular. The plants are robust in habit and carry a heavy crop of long pointed dark green pods. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 60c.



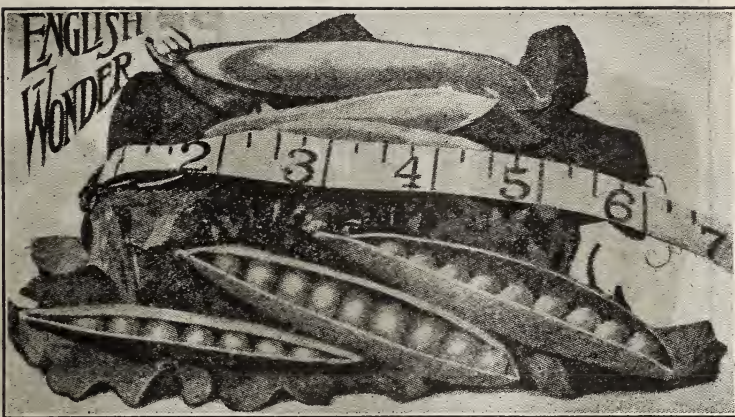
321½. PETER PAN.* One of the most productive early dwarf varieties. The plants (covered with pods) are robust in habit and grow about 18 inches in height. Price for 1923: Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

323½. SUTTON'S EXCELSIOR.* A new large-podded dwarf variety. The plants grow 14 inches high and are very productive; maturing nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.

333. ★ OLDS' ENGLISH WONDER. See illustration. The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas. It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts., 15c; lb. 30c, 2 lbs., 55c.

324½. LAXTONIAN. The largest podded, early dwarf pea. Requires no supports of any kind. The vines are very productive and produce pods similar in shape to the Gradus, which are filled with large, luscious, light green peas. Pkt., 10c; 2 pkts. 15c; lb., 35c; 2 lbs., 60c.

327. CHAMPION OF ENGLAND.* A standard late variety. One of the richest and best flavored; very productive; handsome well filled pods. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs. 55c.



THREE SPLENDID PEAS FOR SUCCESSION.

One pkt. each, Nott's Excelsior, Heroine and Stratagem, 20c; one lb. each, 85c; 2 lbs. of each, \$1.60, postpaid. By express or freight, not prepaid: 2 lbs. of each, \$1.30; 7½ lbs. of each, \$4.00.



325. ★NOTT'S EXCELSIOR.* See illustration. The most popular early dwarf pea in cultivation. Pods well filled. Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Little Gem, and as a cropper it excels both. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.

321. THE HEROINE.* Our best second early. It bears profusely and produces large, well filled pods. It is a fine pea for the most critical market gardener and we predict it will become a general favorite. Pkt., 10c; 2 pkts. 15c; lb., 35c; 2 lbs., 60c.

326. IMPROVED STRATAGEM.* The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; one of the very finest for a later second early. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.

SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY IF POSSIBLE and take advantage of our special offer for early orders—see our special early order circular.

Buy peas by the pound.

PEAS. Full List.

30 lbs., at 60 lb. rates. 7 lbs., one half pk.; 14 lbs., one pk., 56 lbs., one bu., except where noted.

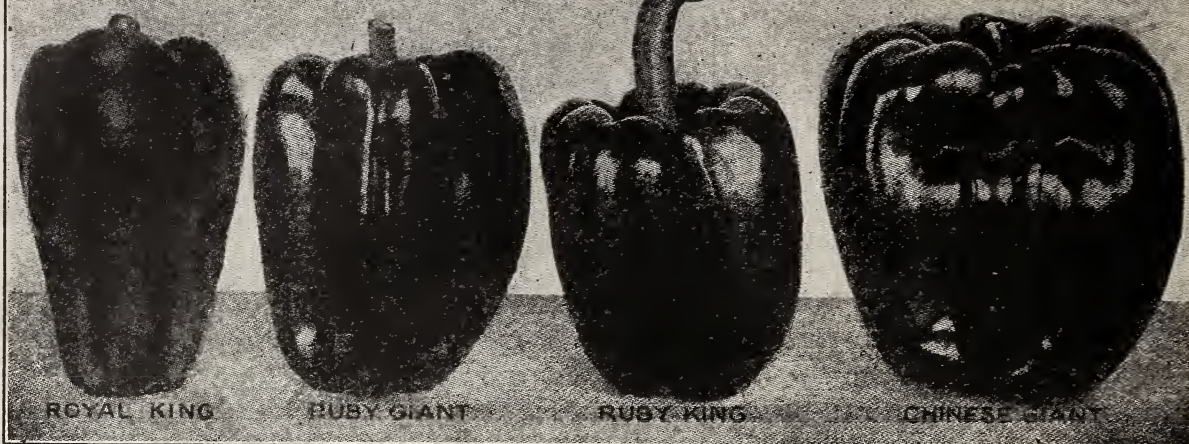
320. ★SURPRISE.* One of the earliest wrinkled peas. Pods good size and well filled. Peas very tender and sweet.	
320½. ★OLDS' BEST EXTRA EARLY. The best strain. Bu. 60 lbs.	
321. THE HEROINE.* Our best second early.	
321½. PETER PAN.* One of the most productive early dwarf varieties.	
322. TELEPHONE.* Most popular late variety.	
323. ALASKA. The earliest of all blue peas. Very productive. Bu. 60 lbs.	
323½. SUTTON'S EXCELSIOR.* A new dwarf variety.	
324. ★GRADUS.* The earliest large-podded pea in cultivation.	
324½. LAXTONIAN.* The new dwarf Gradus.	
325. ★NOTT'S EXCELSIOR.* The most popular early dwarf pea.	
326. IMPROVED STRATAGEM.* The best late large-podded pea.	
326½. PIONEER.* A very popular recent introduction.	
327. CHAMPION OF ENGLAND.* A standard late variety.	
328. McLEAN'S ADVANCER.* A market gardener's favorite.	
329. LITTLE GEM.* Height, 16 to 18 inches; very prolific; excellent flavor.	
330. AMERICAN WONDER.* Dwarfest of all varieties.	
332. BLISS' EVERBEARING.* Very popular. Season medium to late.	
333. ★ENGLISH WONDER.* The sweetest pea we know of.	
333½. ALDERMAN.* A midseason variety; well adapted to the home-garden.	
334. THOMAS LAXTON.* One of the best yet introduced.	
335. ★OLDS' DWARF TELEPHONE.* Most prolific dwarf pea.	
339. LITTLE MARVEL.* Described on Page 58.	
341. MAMMOTH LUSCIOUS SUGAR. The perfect sugar pea. Bu. 60 lbs.	
345. WHITE MARROWFAT. An old favorite market pea. Bu. 60 lbs.	

By parcel post.			By express or freight.			
pkt.	lb.	2 lbs.	2 lbs.	7½ lbs	15 lbs.	60 lbs.
\$0.10	\$0.30	\$0.55	\$0.45	\$1.40	\$2.75	\$10.75
.10	.30	.50	.40	1.20	2.35	9.00
.10	.35	.60	.50	1.80	3.50	12.50
.10	.35	.60	.50	1.90	3.75	12.75
.10	.30	.55	.45	1.55	3.00	11.50
.10	.30	.50	.40	1.20	2.35	9.00
.10	.30	.55	.45	1.40	2.75	10.75
.10	.35	.60	.50	1.60	3.10	12.00
.10	.35	.60	.50	1.60	3.10	12.00
.10	.30	.55	.45	1.35	2.65	10.25
.10	.30	.55	.45	1.35	2.65	10.35
.10	.30	.60	.50	1.80	3.50	12.50
.10	.30	.55	.45	1.35	2.65	10.25
.10	.30	.50	.40	1.20	2.35	9.00
.10	.30	.55	.45	1.30	2.55	9.75
.10	.30	.55	.45	1.40	2.75	10.50
.10	.30	.55	.45	1.35	2.60	10.00
.10	.30	.55	.45	1.55	3.00	11.50
.10	.35	.60	.50	1.60	3.10	12.00
.10	.30	.55	.45	1.40	2.75	10.75
.10	.35	.60	.50	1.60	3.10	12.00
.10	.30	.55	.45	1.40	2.75	10.75
.10	.35	.60	.50	2.15	4.25	12.75
.10	.30	.50	.40	1.15	2.25	8.75



FOR GARDEN PEAS, BEANS AND SWEET PEAS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden peas you will always use it. It pays for itself ten times over. It is not an expense, but a necessary investment for the best results. Price Garden Size, 22c Postpaid. Not postpaid, 20c.

PEPPER



Each packet contains seed sufficient to produce over 150 plants; ½ lb. of seed is enough for one acre. Order by number. We can also furnish transplanted **PEPPER PLANTS**, in season. Chinese Giant, early and mild. Neapolitan, the best yellow, Red Cluster, hot. Doz., 35c; 50 for \$1.10.

Mail, postpaid

	pkt.	½ oz.	oz.	¼ lb.	lb.
350. ★ RUBY KING . A very popular red pepper; mild and sweet.....	\$0.10	\$0.25	\$0.35	\$1.00	3.50
351. BELL OR BULL NOSE . The best known red pepper; early and prolific.....	.10	.20	.30	.85	3.00
351½. RUBY GIANT . (See illustration). A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.10	.20	.30	.75	2.50
352. GOLDEN QUEEN . Bright golden yellow; productive, mild and sweet.....	.10	.30	.50	1.50	5.50
352½. CRIMSON GIANT . A new early pepper; large, early, red, sweet and mild.....	.10	.30	.50	1.50	5.50
353. SWEET MOUNTAIN . A strong grower; large, productive and sweet.....	.10	.20	.30	.65	2.25
354. CHINESE GIANT . A very desirable variety, of recent introduction.....	.10	.30	.45	1.45	5.25
354½. ROYAL KING . A new pepper; thick meated, mild and sweet; a heavy bearer and a good shipper. The type is fixed and the peppers are all of uniform size.....	.10	.20	.30	.75	2.50
355. ★ OLDS' EARLY NEAPOLITAN . Bright red peppers, produced in abundance.....	.10	.20	.30	.95	3.25
355½. RED CHILL . Very small, bright red, cone shaped and one of the hottest.....	.10	.25	.35	1.00	3.50
356½. PIMIENTO PEPPER . A new picnic pepper—not affected by early frost.....	.10	.20	.30	.65	2.25
357. RED CLUSTER . Small, thin red pods borne upright in clusters.....	.10	.25	.35	1.10	4.00
357½. OLDS' RED HOT . (Tobasco.) Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion.....	.10	.30	.50	1.50	5.50
358. MIXED PEPPERS . The above varieties mixed.....	.05	.15	.25	.60	2.00
358½. HOT VARIETIES . Including Chili, Cayenne and others.....	.10	.20	.30	.75	
359. NEW TOMATO PEPPER . In shape and general appearance resembles a tomato.....	.10	.25	.35	1.00	

PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains seed, sufficient to plant from 6 to 8 hills; 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn.

362. ★**LARGE CONNECTICUT YELLOW FIELD**. (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also one of the best for pies. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 65c. Not postpaid: 3 lbs. or more, 45c per lb.

361. ★**QUAKER PIE**. A distinct variety, very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25. Not postpaid: 3 lbs. or more, \$1.10 per lb.

366. **JAPANESE PIE**. A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and desirable for cooking. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

360. ★**KING OF MAMMOTHS**. Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.50. Not postpaid: 3 lbs. or more, \$1.35 per lb.

369. **GOLDEN OBLONG**. A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.15.

FULL LIST.

Half-pounds at pound rates. Three pounds or more at five pound rates.


	pkt.	oz.	¼ lb.	lb.	5 lbs.
360. ★ KING OF MAMMOTHS . The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.....	\$0.10	\$0.20	\$0.50	\$1.50	\$6.75
361. ★ QUAKER PIE . A very prolific variety, and one of the best for pies.....	.10	.20	.45	1.25	5.50
362. ★ LARGE CONNECTICUT YELLOW FIELD . The standard field pumpkin; a sure cropper and a good keeper. Not postpaid: 5 lbs., \$2.25.....	.05	.15	.25	.65	2.50
363. SMALL SUGAR . The noted New England Pie Pumpkin; very sweet.....	.05	.15	.30	.85	3.50
364. WINTER LUXURY . A new variety, pronounced by many the best pie pumpkin.....	.10	.20	.35	1.00	4.25
366. JAPANESE PIE . A new pumpkin, of Japanese origin; dry and sweet.....	.10	.20	.50	1.50	
368. LARGE CHEESE . A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive. Not postpaid: 5 lbs., \$2.25.....	.05	.15	.25	.65	2.50
369. GOLDEN OBLONG . A new variety, very fine and productive.....	.10	.20	.40	1.15	5.00
369½. OLDS' MIXTURE . Pumpkins all the season with one planting.....	.05	.10	.30	.50	

SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is new crop and as low in price as first quality seed can be sold for. Our packets each contain seed sufficient for 12 to 15 feet of drill; 10 to 12 pounds will sow an acre in drills.



400. **ROUND LEAVED.** See illustration. A well-known standard, early variety; very hardy. Leaves large, thick, fleshy and bright green in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; 3 lbs. or more, 40c per lb.

 403. **★OLDS' LONG SEASON.** The best long season variety—withstands the hot summer weather, without going to seed, better than any other. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

402. **★BLOOMSDALE.** See illustration. A great favorite; thick, dark green, wrinkled leaves; hardy, of fine substance and flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 3 lbs. or more, 50c per lb.

403½. **NEW ZEALAND.** Both the leaves and the stalks of the plant are of the finest quality when cooked. For mid-summer sowing; well adapted to dry localities. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

404. **PRICKLY OR WINTER.** For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 3 lbs. or more, 50c per lb.

404½. **OLDS' MIXED.** Spinach Seed will furnish greens all the season from one sowing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 45c; 3 lbs. or more, 35c per lb.

If you have never ordered one of our Dollar Collections of Wisconsin Standards do so this season. It is a real bargain. \$2.25 worth for \$1.00. See Back Cover.



BLOOMSDALE SPINACH

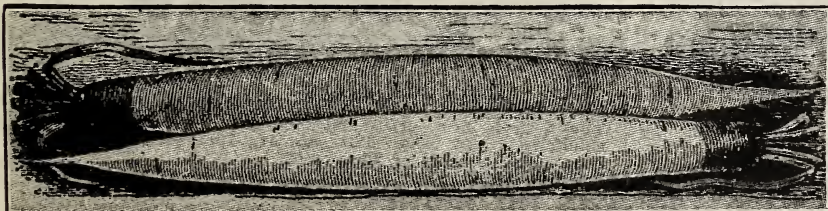


401½. **★KING OF DENMARK.** See illustration. A new Spinach and a very valuable introduction. The plants are ready for use as soon as the early sorts and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality and stand well after cutting. We believe this variety will, in a few years, be one of the leading sorts and a great favorite with both the home and market gardener. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

Fred B. Libey, Grass Lake, Mich., writes: "Either myself or some member of my family orders seed from your house every year. Can find none equal to them—and am very grateful for your prompt shipments and square methods of dealing."

SALSIFY

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.



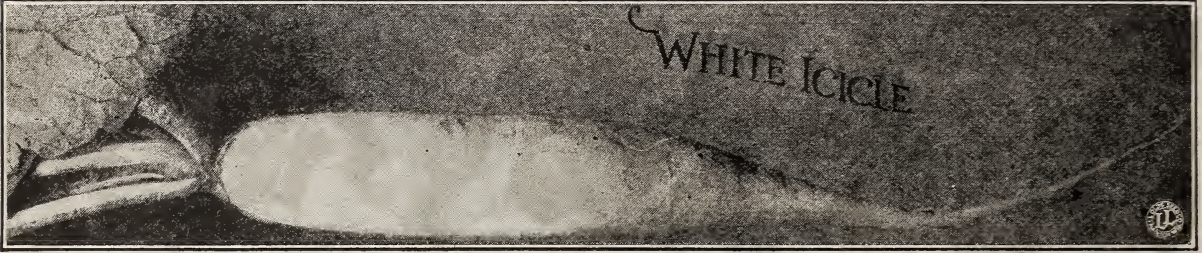
397. **★MAM. SANDWICH ISLAND.** See illustration. Large roots of fine quality and flavor. Mam. Sandwich Island grows nearly twice the size of the White French. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.65; 3 lbs. or more, \$1.50 per lb. Not postpaid: 5 lbs., \$7.00.

RADISH 62, 63, RHUBARB 30.

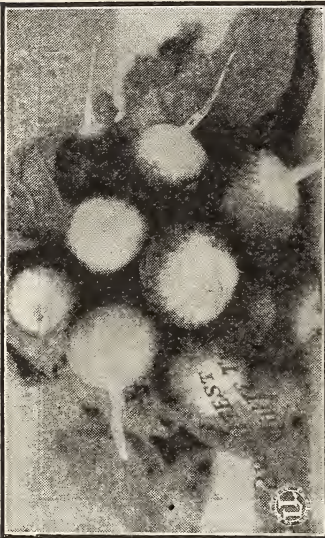
Order before March 1st.

RADISH

Our list includes the best varieties, and our seed is grown from choice stock seed. Pkts. each contain seed sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills.



385. ★**WHITE ICICLE.** See illustration. A leading long white radish and one of the earliest. The roots are slender, pure white and remain mild and crisp a long time. The Icicle is regarded by many of our customers as the finest radish they have grown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 3 lbs. or more, at 75c per lb.



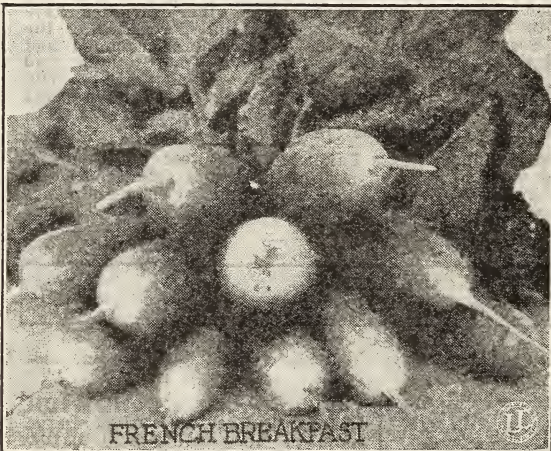
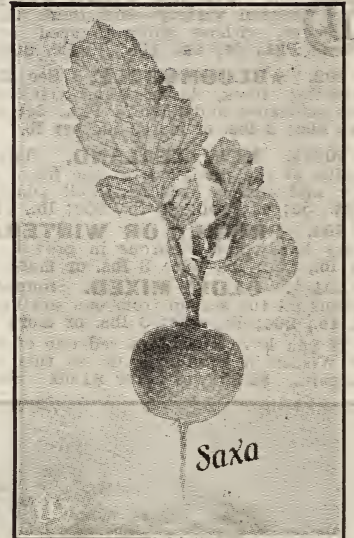
370½. **OLD'S' BRIGHTEST WHITE TIP.** (SPARKLER.) See illustration. A bright scarlet white tipped radish—It is quite distinct in color and has a well defined clear white tip. It has a small top and is one of the best for forcing and outdoor planting. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 35c; lb., \$1.00.

371½. **OLD'S' RED GLOBE FORCING.** (SCARLET BUTTON). Grows quick and is excellent for forcing indoors or out. Globe-shaped; bright scarlet in color; crisp and tender. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

378½. **OLD'S' EARLIEST WHITE FORCING.** Early White Olive-Shaped. Not only one of the earliest white radishes, but one of the earliest of any color; pure white, oblong and tender. Small tops, which permit close planting. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 35c; lb., 95c.

371. ★**OLD'S' EARLY SCARLET TURNIP.** A splendid early, round bright red turnip shaped radish; white flesh, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 3 lbs. or more at 75c per lb.

378. **OLD'S' SNOWBALL.** (WHITE BOX). One of the best of the white varieties, always crisp, fine grained, tender and almost transparent. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs. or more at 80c per lb.



373. **OLD'S' IMPROVED FRENCH BREAKFAST.** See illustration. Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for outdoors or under glass. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 3 lbs. or more at 75c per lb.



376. ★**CRIMSON GIANT.** See illustration. A distinct variety, and one of the best for first outdoor planting. The flesh is firm, crisp and tender and remains in good condition a long time. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 3 lbs. or more at 75c per lb.

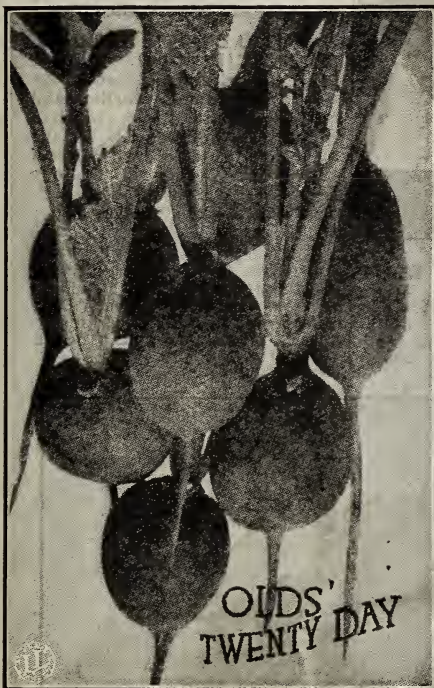
Old's Radish Seed is grown from choice stock seed.

"OLD'S' CATALOG TELLS THE TRUTH"



375. **SAXA.** Page 62. The earliest radish for forcing or outdoor culture. This radish is of a beautiful scarlet color, round, with a very small top and tap root—it is very early and has been placed on the dining table in three weeks from the time of sowing. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.60.

377. **EARLY SCARLET GLOBE.** The best all round radish for early outdoor sowing. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Fine for the home garden and on account of its earliness, appearance and quality, just right for the market gardener. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.

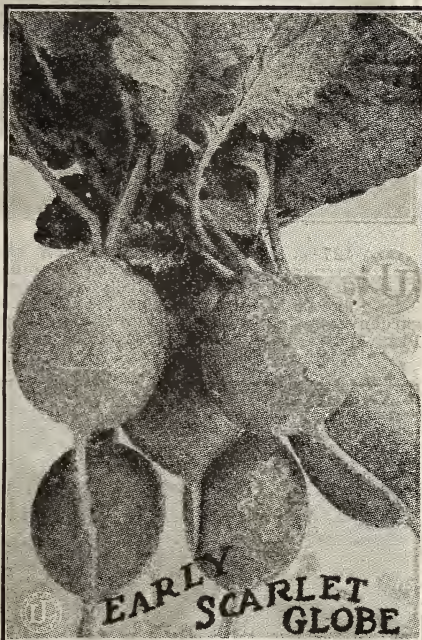


374. **OLDS' TWENTY DAY.** See illustration. Olive-Shaped Deep Scarlet. Olds' Twenty Day is a rich, bright scarlet, olive shaped radish; pure white flesh, crisp and tender. It is fine for forcing and has been grown large enough to use in twenty days; also very desirable for first outdoor planting. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., 95c; 3 lbs. or more, per lb. 85c.

377½. **GIANT BUTTER.** A new early forcing variety. It is the largest, early turnip radish. It is of a fine round shape, vivid scarlet in color and very desirable for green-house or hot bed forcing. It is tender and crisp. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00; 3 lbs. or more, 90c per lb.

384. **CINCINNATI MARKET.** An improved strain of Long Scarlet and one of the finest long red radishes in cultivation; bright scarlet with small top. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.

\$2.25 worth of seed for \$1.00—See back cover page.



Pkt., 5c; oz. 10c; ¼ lb. 30c.

RADISH. Full List.

Half-pounds at pound rates. For larger quantities—see market gardeners, net price list.

	By parcel post.				
	pkt.	oz.	¼ lb.	lb.	5 lbs.
370½. OLDS' BRIGHTEST WHITE TIP. (Sparkler). A distinct variety.....	\$0.10	\$0.20	\$0.35	\$1.00	\$4.50
371. ★ OLDS' EARLIEST SCARLET TURNIP. A small, round red variety with small top, quick growth, mild and crisp, largely used for planting in the open ground.....	.05	.10	.30	.85	3.75
371½. OLDS' RED GLOBE FORCING. Excellent for forcing, outdoors or in.....	.10	.20	.40	1.25	
373. ★ OLDS' IMPROVED FRENCH BREAKFAST. Tender and crisp. Deep crimson, with white tips, well defined. Illustrated page 62.....	.05	.10	.30	.85	3.75
374. OLDS' TWENTY DAY. Olive-shaped, deep red; crisp and tender.....	.10	.20	.35	.95	4.25
375. SAXA. The earliest radish for forcing or outdoor culture.....	.10	.20	.50	1.60	7.50
376. ★ CRIMSON GIANT. Best large radish for first outdoor planting. Page 62.....	.05	.10	.30	.85	3.75
377. EARLY SCARLET GLOBE. Similar to Scarlet Turnip.....	.05	.10	.30	.85	3.75
377½. GIANT BUTTER. A new early forcing variety.....	.10	.20	.35	1.00	4.50
378. OLDS' SNOWBALL (White Box). One of the best of the white varieties.....	.05	.10	.30	.90	4.00
378½. OLDS' EARLIEST WHITE FORCING. The earliest white variety. One of the earliest radishes grown.....	.10	.20	.35	.95	4.25
381. WHITE STRASBURG. A summer radish, of large size; skin and flesh pure white, remaining firm and brittle longer than most varieties.....	.05	.10	.30	.75	3.25
382. BRIGHTEST LONG SCARLET. A handsome long red radish.....	.05	.10	.30	.75	3.25
383. IMPROVED CHARTIER. A very handsome sort, deep scarlet at the top, shading off to pure white at the tip.....	.05	.10	.30	.75	3.25
384. CINCINNATI MARKET. Early radish, with small tops—bright scarlet.....	.05	.10	.30	.85	3.75
385. ★ WHITE ICICLE. Crisp and tender. Page 62.....	.05	.10	.30	.85	3.75
387. EARLY LONG SCARLET. The standard long red radish.....	.05	.10	.30	.85	
390. NEW WHITE CHINESE. The best large white winter variety. The whitest and least pungent of the winter varieties.....	.05	.10	.30	.80	3.50
391. CHINA ROSE WINTER. Rose colored and a good keeper.....	.05	.10	.30	.85	
392. LONG BLACK SPANISH. Good keeper, black skin, white flesh.....	.05	.10	.30	.80	3.50
393. MAMMOTH JAPANESE. A new distinct variety; very large.....	.10	.20	.35	1.00	4.50
394. MIXED RADISH. Radishes the whole season.....	.05	.10	.20	.65	2.50

SQUASH. Page 66. Order before March 1st. Special offer for all early orders.

TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stock. Our packets each contain seed enough to produce 300 plants; 3 oz. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Order by number. We have prepared a leaflet on Tomato culture, free on request. Spray Tomatoes with Pyrox. See page 93.



425. **★SPARK'S EARLIANA.** See illustration. No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—deep red flesh. Pkt., 10c; ½ oz., 20c; oz., 25c; ¼ lb., 75c.

435. **OLDS' SPECIAL STOCK (Earliana).** An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Extra select seed produced on our own farm. See also page 2. Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50.



427½. **RED ROCK.** A new variety—one week earlier than Stone; round, smooth and bright red in color. The Red Rock is a heavy producer and fine shipper; excellent for the market and home gardener; also recommended to grow for canning factories. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 25c; ¼ lb., 75c.

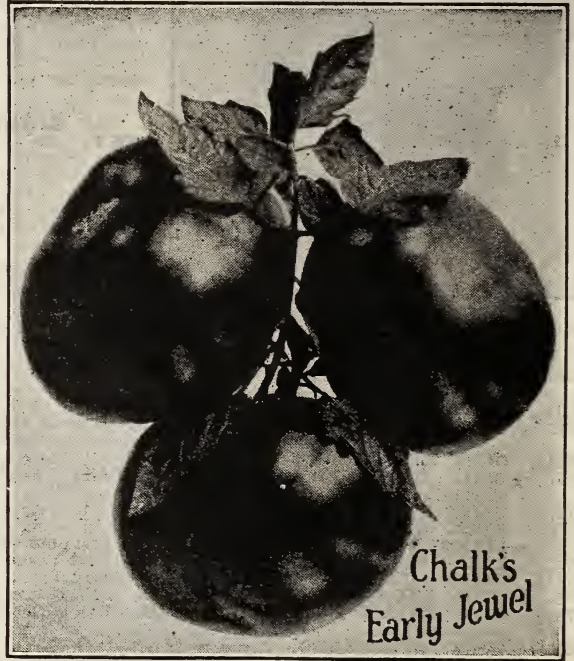
444. **BONNY BEST.** An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower, quite productive and with splendid foliage for protecting fruit from the hot sun. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 85c.



427. **★NEW STONE.** The standard main crop variety; always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock seed. Pkt., 10c; 2 pkts., 15c; ½ oz., 10c; oz., 30c; ¼ lb., 80c.



440. **★LIVINGSTON'S GLOBE.** This tomato is a beautiful globe in shape, resembling a peach in form. On account of its shape, a greater number of slices can be taken from each tomato. It ripens with the second earlies. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.20.



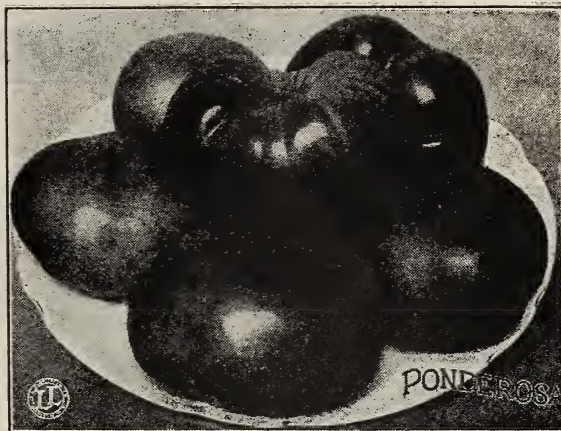
434. **CHALK'S EARLY JEWEL.** See illustration. An exceptionally fine early variety only a few days later than Earliana. Large handsome fruits, smooth round and solid, with comparatively few seeds and sweet flavor. A good canner. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 25c; ¼ lb., 75c.

426. **★SUCCESS.** Just right for a second early; bright red, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 25c; ¼ lb., 65c.

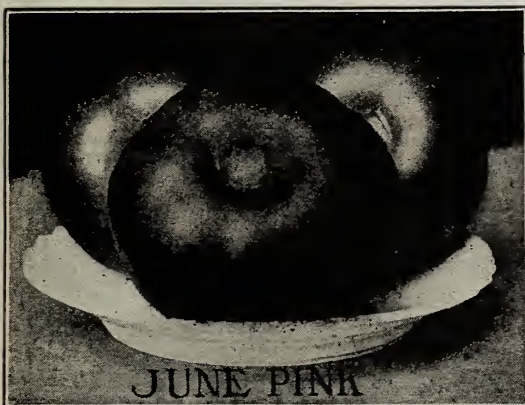
"OLDS' CATALOG TELLS THE TRUTH."



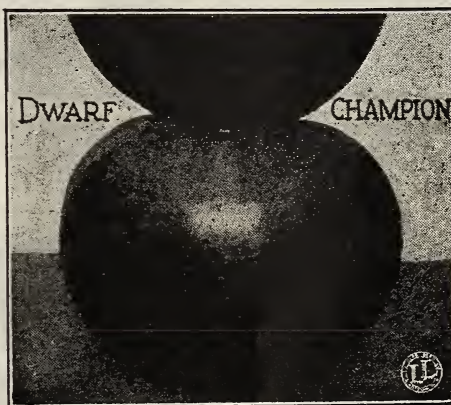
436½. **JOHN BAER.** A new variety of merit. It is a few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 85c.



437. **PONDEROSA.** See illustration. The Giant Tomato. The Tomatoes grow in beautiful clusters, mostly oblong in shape, with solid flesh and with small seed cells. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50.



443. **JUNE PINK.** The earliest of all pink tomatoes. It is a good yielder, of high quality and runs very smooth for an early sort; similar in habit and shape to the Earliana, differing from it in color only. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15.



439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; ½ oz., 25c; oz., 40c.

432. **DWARF CHAMPION.** A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.20.

TOMATOES. Complete List.

One pound of any variety at three and one-half times the price of ¼ lb.

By parcel post.

	pkt.	½ oz.	oz.	¼ lb.
425. ★SPARK'S EARLIANA. Very early, and remarkable for its large size.....	\$0.10	\$0.20	\$0.25	\$0.75
426. ★SUCCESS. Just right for a second early.....	.10	.20	.25	.65
427. ★NEW STONE. Best of all for main crop; large, smooth and solid.....	.10	.20	.30	.80
427½. RED ROCK. A new variety; round, smooth and bright red in color.....	.10	.20	.25	.75
428. FORDHOOK FIRST. A very satisfactory first early.....	.10	.20	.30	.85
428½. EARLY DETROIT. A new variety of great merit.....	.10	.20	.30	1.00
429. ★MATCHLESS. Produces large, red tomatoes the entire season.....	.10	.25	.40	1.25
430. NEW DWARF STONE. A recent introduction; strong, upright vines.....	.10	.25	.35	.95
431. TRUCKERS' FAVORITE. A large, purple tomato; very productive.....	.10	.25	.35	1.20
432. DWARF CHAMPION. A popular dwarf variety.....	.10	.20	.25	.75
434. CHALK'S EARLY JEWEL. One of the largest and finest.....	.15	.25	.45	1.50
435. OLDS' SPECIAL STOCK (Earliana). An improved strain of Earliana. Page 64.....	.10	.25	.35	.95
436. EARLY ACME. The standard bright pink tomato.....	.10	.20	.30	.85
436½. JOHN BAER. The most profitable cropper of any of the extra early varieties.....	.10	.25	.45	1.50
437. PONDEROSA (Henderson's). The largest of all.....	.10	.30	.50	1.65
438. ★ENORMOUS. The largest and smoothest tomato grown.....	.10	.25	.40	1.35
439. OLDS' GOLDEN BEAUTY. Large, smooth and pure yellow.....	.10	.20	.30	1.00
439½. OLDS' PINK BEAUTY. The best midseason pink variety.....	.10	.25	.35	1.20
440. ★OLDS' NEW GLOBE. Livingston's 1905 Introduction.....	.10	.20	.35	.95
441. THE HUMMER. Livingston's 1907 Introduction.....	.10	.25	.35	1.20
442. NEW CORELESS. Livingston's 1908 Introduction.....	.10	.20	.35	1.15
442½. MANYFOLD. Livingston's 1917 Introduction.....	.10	.20	.30	.85
443. JUNE PINK. The earliest of all pink tomatoes. Illustrated above.....	.10	.25	.45	1.45
444. BONNY BEST. A fine early home variety.....	.10	.25	.40	1.25
SMALL FRUITED VARIETIES. 445, Peach; 446, Yellow Pear; 446½, Red Pear; 447, Yellow Plum; 447½, Red Plum; 448, Red Cherry; 448½, Yellow Cherry; 449, Red Currant; each.....	.05	.15	.20	.60
450. SMALL FRUITED VARIETIES MIXED. Red, pink and yellow.....	.10	.25	.45	1.50
451. LARGE FRUITED VARIETIES MIXED. Tomatoes all season.....	.10	.25	.45	1.50
455. STRAWBERRY or GROUND CHERRY. Yellow Husk Tomato. Plants, page 82.....				

TOMATO PLANTS. Transplanted from hotbed; ready in May and June. Earliana, very early; Chalk's Jewel, second early, smooth and solid; Matchless, best for main crop; Golden Beauty, for slicing; Ponderosa, largest and sweetest; Red Preserving. Doz., 35c; 50 for \$1.10. Postpaid.

SQUASH

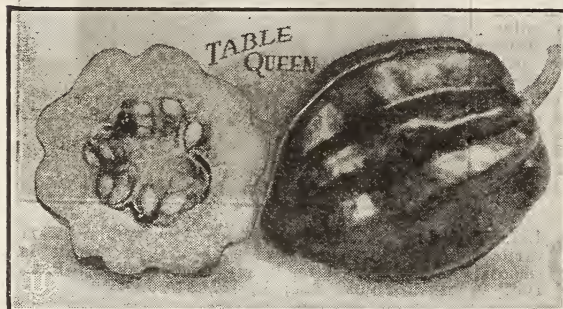
The seed we offer is from squash grown strictly for seed purposes. Our packets each contain seed sufficient for 6 or 8 hills; 3 to 4 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Order by number. Remember we pay the postage, unless otherwise mentioned.



Mam. Yellow Bush. Pkt., 10c. Mam. White Bush. Pkt., 5c. Giant Summer Crookneck. Pkt., 10c



407. ★**GIANT SUMMER CROOKNECK.** See illustration. The Summer Crookneck is a very old variety and almost every one is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety. A favorite with market gardeners. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.45; 3 lbs. or more, \$1.35 per lb.



409. **OLDS' TABLE QUEEN.** See illustration, also page 2. A squash fit for a Queen's taste. It will give a delicious meal long remembered, if cut in halves and baked for twenty minutes—also good for pies. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

408. **FORDHOOK.** Very productive, excellent for pies. The skin is so thin that it need not be removed for cooking. Fruits small, oblong, 8 to 10 inches in length. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.35.

410. ★**DELICIOUS.** A recent introduction and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. Fine grained and cooks up dry and sweet. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.50.



411. ★**TRUE HUBBARD.** See illustration. The standard winter squash. Large olive-shaped, with dark green skin and very rich flesh, fine grained and dry. A good keeper. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 3 lbs. or more, at \$1.15 per lb. Not postpaid, 5 lbs. or more, at \$1.00 per lb.

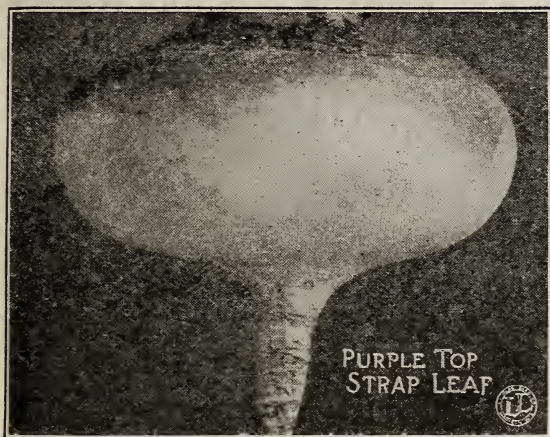
SQUASH. Full List.

Market gardeners' list (free on request), for larger quantities. ½ lb. at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
405.	MAMMOTH WHITE BUSH. A true bush variety; large and good shaped.....	\$0.05	\$0.15	\$0.40	\$1.25
406.	★MAMMOTH YELLOW BUSH. (Golden Custard.) The largest bush squash.....	.10	.20	.45	1.35
407.	★GIANT SUMMER CROOKNECK. The earliest summer squash.....	.10	.20	.45	1.45
408.	FORDHOOK. Very fine for pies. A good yielder and keeper.....	.10	.20	.45	1.35
409.	OLDS' TABLE QUEEN. Illustrated above. See also, page 2.....	.10	.25	.60	2.00
410.	★DELICIOUS. The thickest-meated squash yet introduced; cooks dry.....	.10	.20	.50	1.50
411.	★TRUE HUBBARD. The standard winter squash. See illustration.....	.05	.15	.40	1.25
412.	WARTED HUBBARD. Similar to the ordinary Hubbard, but larger.....	.10	.20	.50	1.50
413.	GOLDEN HUBBARD. Bright orange-yellow.....	.10	.20	.45	1.35
414.	CHICAGO ORANGE MARROW. Best fall squash.....	.05	.15	.35	1.00
415.	BOSTON MARROW. Good for both fall and winter use.....	.10	.20	.45	1.40
416.	SIBLEY, or PIKE'S PEAK. A general favorite.....	.05	.15	.40	1.15
417.	VEGETABLE MARROW. Popular English garden variety; smooth skin.....	.05	.15	.40	1.25
418.	BLUE HUBBARD. A distinct variety, light blue in color, dry when cooked.....	.10	.20	.50	1.50
420.	MAMMOTH CHILL. The largest of all squashes.....	.05	.10	.30	1.00
424.	OLDS' MIXTURE. Squashes all the season with one sowing.....				

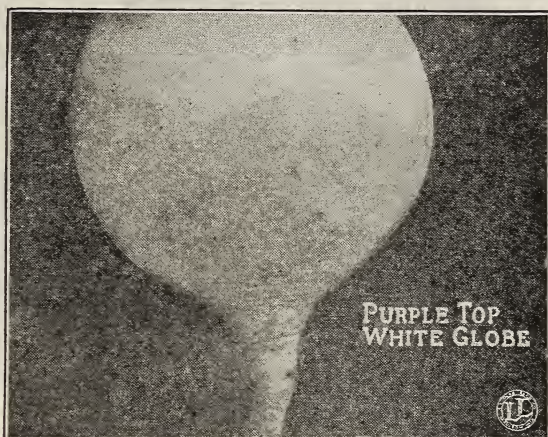
TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains seed sufficient to sow 50 feet or more: 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Order by number. Leaflet on proper culture, free on request.



PURPLE TOP
STRAP LEAF

460. ★OLDS' PURPLE TOP STRAP LEAF. The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs. or more, 60c per lb.



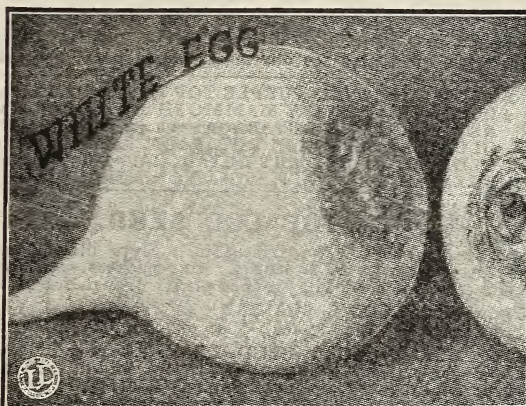
PURPLE TOP
WHITE GLOBE

465. ★OLDS' PURPLE TOP WHITE GLOBE. Very attractive in appearance; a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs. or more 65c per lb.



SNOWBALL

466. ★OLDS' SNOWBALL. See illustration. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs., 60c per lb.



WHITE EGG

464. WHITE EGG. See illustration. A quick grower, egg-shaped, of high quality and always sweet, crisp and solid; entirely without rank or bitter flavor, even when growing conditions are unfavorable. For either spring or fall sowing. Pkt., 5c; oz., 10c; ¼ lb., 25c.

470. OLDS' HEAVY CROPPER. Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size, is hardy and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs. or more, 60c per lb.

For larger quantities see our market gardeners' net price list—free on request.

	By Parcel Post				
	pkt.	oz.	¼ lb.	lb.	5 lbs.
460. ★OLDS' PURPLE TOP STRAP LEAF TURNIP. A well-known standard variety..	\$0.05	\$0.10	\$0.25	\$0.75	\$3.00
461. ★EXTRA EARLY PURPLE TOP MILAN. The earliest turnip.....	.10	.20	.40	1.40	6.25
462. EARLY WHITE MILAN. A rapid grower and very handsome.....	.10	.20	.40	1.45	6.50
463. WHITE FLAT DUTCH. Flat, smooth, white, of medium size and a quick grower	.05	.10	.25	.75	3.00
464. WHITE EGG. A quick grower, egg-shaped, smooth, with small top.....	.05	.10	.25	.75	3.00
465. ★PURPLE TOP WHITE GLOBE TURNIP. An early variety, globe-shaped.....	.05	.10	.25	.75	3.25
466. ★SNOWBALL. Best white turnip for table use.....	.05	.10	.25	.75	3.00
467. COW HORN. Grows large; fine for fall or winter.....	.05	.10	.25	.75	3.00
470. OLDS' HEAVY CROPPER. Round, yellow and very productive.....	.05	.10	.25	.75	3.00
471. GOLDEN BALL. The best yellow turnip for table use.....	.05	.10	.25	.70	2.75
472. YELLOW ABERDEEN. The best yellow turnip for stock.....	.05	.10	.25	.65	2.75
473. JAPANESE. A new variety from Japan. Best Japanese grown seed.....	.05	.15	.30	1.00	4.25
474. MIXED. Purple, white and yellow turnips all summer.....	.05	.10	.20	.60	2.50
RUTABAGAS. Next Page.					

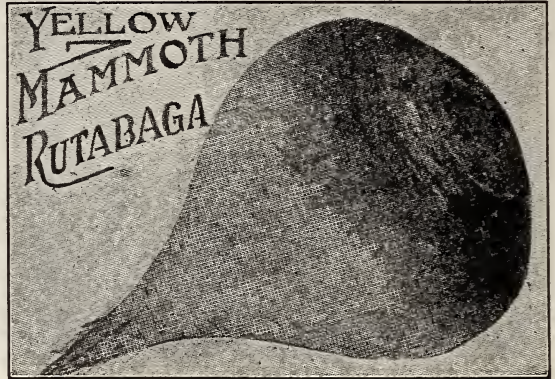
OLDS' WISCONSIN STANDARD COLLECTION. 30 full-sized packets for \$1.00. Back Cover page.

RUTABAGA



475. **★OLDS' IMPROVED PURPLE TOP RUTABAGA.** An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs. or more, 60c per lb. Not postpaid: 5 lbs., \$2.50.

476. **★IMPROVED YELLOW MAMMOTH RUTABAGA.** In our opinion the most profitable sort to grow, as it is the hardest, heaviest, best shaped and most productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; 3 lbs. or more, 65c per lb. Not postpaid: 5 lbs., \$2.75.



REMEMBER. We pay the postage on all seeds by the packet, ounce, quarter-pound and five pounds in weight, unless otherwise noted.



479. **OLDS' GOLDEN HEART RUTABAGA.** A new variety, fine grained, mild and sweet. W. H. Mayo, of Valton, Wis., says: "You have a valuable prize in your new Rutabaga. It is not only fine grained, but is also a heavy yielder, making it a profitable crop to raise for the table, or for feeding stock." Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c; 3 lbs. or more, 80c per lb. Not postpaid: 5 lbs., \$3.50.

RUTABAGA. Full List.

For larger quantities see our market gardeners' net price list—free on request.

	By Parcel Post.				
	pkt.	oz.	¼ lb.	lb.	5 lbs.
475. ★OLD'S IMPROVED PURPLE TOP RUTABAGA. The old standard.....	\$0.05	\$0.10	\$0.25	\$0.75	\$3.00
476. ★IMPROVED YELLOW MAMMOTH RUTABAGA. Of good shape and quality....	.05	.10	.25	.80	3.25
477. NEW NECKLESS RUTABAGA. Globe shaped; yellow flesh.....	.05	.10	.30	.85	3.50
478. OLDS' LARGE WHITE RUTABAGA. Skin white; flesh white and sweet.....	.05	.10	.25	.75	3.00
479. OLDS' GOLDEN HEART RUTABAGA. Fine grained, mild and sweet.....	.05	.10	.30	.95	4.00
479½. MIXED RUTABAGAS. A fine assortment of yellow and white rutabagas.....	.05	.10	.25	.70	2.75

TOBACCO SEED.

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain ½ oz. of seed; one ounce of seed will produce plants enough for an acre of tobacco.

500. **COMSTOCK'S SPANISH.** A favorite variety in Wisconsin. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; lb., \$6.50.

501. **CONNECTICUT SEED LEAF.** Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10. lb., \$4.00.

502. **IMPROVED WHITE BURLEY.** An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

503. **CONNECTICUT HAVANA NO. 38.** Also listed as Root Rot Resistant Cigar Binder. An improved variety of the well known Havana seed type. Recognized by growers as a good yielder on Wisconsin soils, even under adverse conditions. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; lb., \$7.50.

HERBS. The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Also used for flavoring; very desirable for an unused corner of the garden.

480. Anise	Pkt. 5c, oz. 15c, ¼ lb. 40c	490. Rosemary	Pkt. 10c, oz. 65c, ¼ lb. 2.50
481. Balm	Pkt. 10c, oz. 30c, ¼ lb. 1.00	492. Sage	Pkt. 10c, oz. 50c, ¼ lb. 1.75
483. Caraway	Pkt. 5c, oz. 15c, ¼ lb. 25c	493. Summer Savory	Pkt. 10c, oz. 35c, ¼ lb. 1.15
485. Dill	Pkt. 5c, oz. 15c, ¼ lb. 30c	494. Winter Savory	Pkt. 10c, oz. 45c, ¼ lb. 1.65
486. Fennel, Sweet	Pkt. 5c, oz. 10c, ¼ lb. 40c	496. Thyme	Pkt. 10c, oz. 65c, ¼ lb. 2.40
487. Horehound	Pkt. 10c, oz. 30c, ¼ lb. 1.00	498. Wormwood	Pkt. 5c, oz. 25c, ¼ lb. .75
488. Lavender	Pkt. 10c, oz. 30c, ¼ lb. 1.00	499. Mixed (all the above) Pkt. 5c, oz. 25c, ¼ lb. .85	
489. Marjoran Sweet.....	Pkt. 10c, oz. 35c, ¼ lb. 1.15		

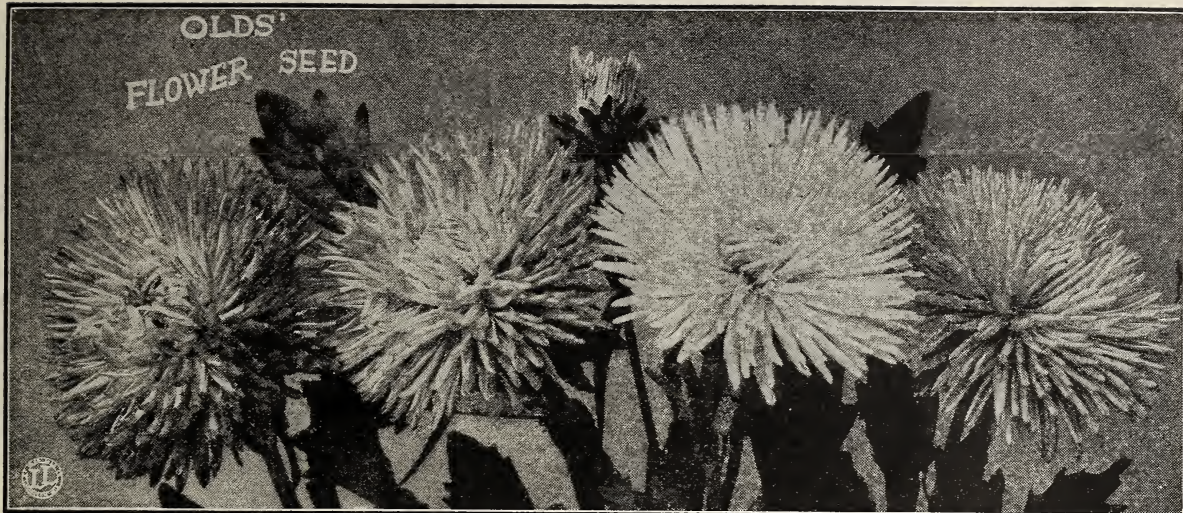
BUYING SEEDS is largely a matter of confidence. Our customers know that they can place confidence in us and in our seeds. Every year we add a lot of new customers to our list, who send us their orders because some friend has recommended our seeds. We appreciate this and thank them for it.

COUNTRY KITCHEN COOK BOOK. 600 TRIED and TESTED Recipes. A book of selected and proved recipes contributed by Farmer's Wives and Daughters carefully compiled and arranged for convenient reference. 150 pages. Price, 50c.

ROSES AND OTHER CHOICE PLANTS, listed on pages 82, 83, 84, 85.



OLDS' FLOWER SEED



Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

Customers may select one packet each, of any two varieties of flower seed listed at 15 cents per packet for 25 cents, or may send \$1.50 for \$2.00 worth of packets; \$2.00 for \$3.00 worth; \$2.50 for \$4.00 worth, but remember this offer applies to packets of flower seed only.

Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, **A** indicates Annual, one that grows, blooms and dies the first year from seed; **B** indicates Biennial, that blooms the second year from seed; **P** indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; **H** means Hardy, **H H** means Half Hardy, and **T Tender**—thus, **H. H. A.** is a Half Hardy Annual.

ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture.

800. Olds' Finest Mixed. Largest flowering finest mixed. This is a mixture of the best varieties; large flowers, bright colors and a splendid assortment. See illustration above. Pkt., 10c; oz., \$2.00.

800½. Royal Mixed (Early Flowering). A new class of American Aster. Very large double flowers with distinctly incurved shell-shaped petals. Earlier than most other varieties and remaining longer in bloom. Plants about two feet high branching freely. Pkt., 10c; 2 pkts., 15c.

802½. OLDS' GIANT BRANCHING (Mixed). The finest of all Asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy peony-like flowers on long, strong, slender stems. Pkt., 10c.

804½. Giant White (Branching). The best white Aster. Pure white flowers, four inches in diameter. Pkt., 10c.

805½. Giant Shell Pink (Branching). The best clear light pink. Large flowers, graceful in form. Pkt., 10c.

806½. Giant Rose (Branching). Deep rose-pink. Pkt., 10c; 2 pkts., 15c.

807½. Giant Crimson (Branching). Dark ruby-red. Pkt., 10c; 2 pkts., 15c.

808½. Giant Blue (Branching). Almost a pure lavender shade, approaching an azure blue. Pkt., 10c; 2 pkts., 15c.

809½. Giant Purple (Branching). A rich violet or purple. One of the best dark shaded varieties. Pkt., 10c.

One pkt. each, White, Pink, Rose, Crimson, Blue and Purple. Six colors (see above) for 40c. Any three for 25c.

ASTER PLANTS. Our plants are grown by a specialist at Turville Flower Farm, and are well rooted, sturdy, transplanted stock. We can furnish Early Flowered Royal, for bedding, and Giant Branching, for cut flowers, in mixed colors, only. Doz., 35c; 50 for \$1.10; 250 for \$4.50, postpaid.

ABUTILON (Chinese Bell Flower). A splendid house plant. T. P.

820. Fine Mixed. Extra fine. Pkt., 15c; 2 pkts., 25c.

AGERATUM (Floss Flower). Fine bedding plants; valuable for borders. H. H. A.

825. Fine Mixed. Pkt., 5c.

ALYSSUM. A great favorite. H. A.

831. Little Gem. Snow-white. Pkt., 5c.

832. Little Dorrit. Very compact. Pkt., 5c.

833. Saxatile. H. P. Compact growth, producing a mass of golden yellow flowers; for border and rockeries. Pkt., 10c; 2 pkts., 15c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c.

803½. Sensation. This is the reddest of all Red Asters. The bright color glistens in the sunshine like a live coal. Pkt., 10c, 2 pkts., 15c.

805. Heart of France. The best pure red Aster ever introduced; flowers large and full; plants branching in type and robust in habit. Pkt., 15c; 2 pkts., 25c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 10c.

807. Model Ostrich Plume. A new distinct variety; bright rose colored flowers. Pkt., 10c; 2 pkts., 15c.

808. White Perfection. The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright stems. Pkt., 10c.

810. Snowball. The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 15c.

811½. Pink King. Entirely distinct in form from any other variety; petals somewhat quilled, the center ones being curled, completely covering the crown. Pkt., 10c.

812. Alice Roosevelt. Large yellow flowers changing to flesh color. Pkt., 10c; 2 pkts., 15c.

812½. Silver Rose. A robust, long stemmed, large flowering new variety. Ashes of Roses exactly describes the color of this new aster. Pkt., 10c; 2 pkts., 15c.

813. Violet King. Handsome, violet-colored. Pkt., 10c.

815½. Royal Purple. Early flowering. Pkt., 20c.

816½. Pink Enchantress. A very attractive, new variety. The flowers are large and full; borne on long, graceful stems. The color is a soft delicate pink. Pkt., 20c.

818. Mikado Pink. A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, lavender pink flowers. Pkt., 10c.

819½. Autumn Glory. A beautiful shell pink late branching variety. The Autumn Glory comes uniformly true to color and type. Flowers are double, borne on long stems. Pkt., 10c; 2 pkts., 15c.

AMARANTHUS. A very strong and rapid grower.

835. Splendens. H. H. A. Finest mixed. Pkt., 10c.

ANCHUSA. Vigorous, hardy plants. H. P.

836. Dropmore. Clear, bright blue flowers. Pkt., 10c.

ANTIRRHINUM. Seed and plants. Page 70.

AQUILEGIA (Columbine). Splendid for permanent borders; of easy culture. H. P.

845. Double Mixed. Very fine. Pkt., 10c.

ASPARAGUS PLANT. A beautiful plant for the house; easily raised from seed. It can be started any time.

850. Plumosus Nanus. Pkt., 15c; 2 pkts., 25c. Order early, before March 1st. See Special offer.

"OLDS' CATALOG TELLS THE TRUTH."



CARNATIONS. See illustration. From seed. Carnations will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P.

900. Marguerite, Mixed. New Giant; producing large flowers of fine form. Pkt., 10c; 2 pkts., 15c.

901. Yellow Marguerite. Double, fragrant, fringed flowers. Pkt., 10c; 2 pkts., 15c.

911. Imperialis. Sweet-scented. Pkt., 5c.

912. Americana. Large purple flowers. Pkt., 10c.

COSMOS—DOUBLE CROWNED AND CRESTED. Pkt., 10c.

ANTIRRHINUM (Snapdragon). Very showy; blooming first season.

840. Dwarf Mixed. Compact. Choice mixed colors. Pkt., 5c.

841. Giant Fragrant. Mixed. Large, double fragrant flowers. A splendid assortment. Pkt., 5c.

843. Pink Beauty. Rose-colored flowers. Pkt., 10c; 2 pkts., 15c.

ANTIRRHINUM PLANTS. Dwarf Mixed Snapdragon. Valuable for bedding or for cutting. Doz., 35c; 50 for \$1.10.

BACHELOR'S BUTTON (Centaurea Cyanus). Free flowering plant; blooms until frost. H. A.

855. Mixed. The very finest sorts. Pkt., 5c.

BALSAM. See illustration. One of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. H. A.

860. Olds' Camelia Flowered Mixed. Large, perfect, double flowers. Mixed colors. Pkt., 10c; 2 pkts., 15c.

BEGONIAS. Choice flowering plants.

862. Single Mixed. Easily grown from seed. Pkt., 10c.

CALENDULA (Pot Marigold). Profuse bloomers. H. A.

865. Double Mixed. Fine shades. Pkt., 5c.

866. Orange King. Color, glowing orange. Pkt., 10c, 2 pkts., 15c.

CALIFORNIA POPPY (Eschscholtzia). Compact and bushy; fine foliage, covered with a mass of showy flowers.

870. Fine Mixed. Many colors. Pkt., 5c.

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; brilliant and very effective. Pkt., 5c.

873. Golden. The true wild California Poppy; selected for the largest flowers and deepest orange colors. Pkt., 5c.

CALLIOPSIS (Coreopsis). One of our finest summer plants.

875. Fine Mixed. H. A. Fine for cut flowers. Pkt., 5c.

877. Lanceolata. H. P. Golden yellow. Pkt., 5c.

CANARY BIRD FLOWER. One of the most desirable climbers.

880. Tropaeolum Canariense. Pkt., 10c; 2 pkts., 15c.

CANDYTUFT.

One of the most popular flowers grown; fine for beds or edgings.

885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. Pkt., 5c.

886. Giant Empress. A new sort. Pure white. Pkt., 5c.

CANNA, Large Flowering French. A new and distinct class producing very large flowers.

890. Crozy's Best Mixed. Soak the seed twelve hours in warm water before sowing. Pkt., 5c.

CANTERBURY BELLS (Campanula Medium). Handsome, rich and stately; profuse bloomers. B.

895. Mixed. Best single and double varieties. Pkt., 10c.

896. Cup and Saucer. Mixed colors. Pkt., 10c; 2 pkts., 15c.

CARDINAL CLIMBER. Very beautiful and most desirable. H. A.

898. Bright Red. Considered the most beautiful climber ever introduced. It is a strong rapid grower, producing flowers borne in clusters. Packet containing about 20 seeds, 15c; 2 pkts., 25c.

CELOSIA (Cockscomb). Plume-shaped flowers. H. H. A.

905. Ostrich Plume. Curled crimson flowers. Pkt., 5c.

906. Empress. The old fashioned crimson, crested cockscomb, with maroon colored leaves. Pkt., 10c; 2 pkts., 15c.

CHRYSANTHEMUM.

Blooming continually all summer. H. A.

915. Mixed. Single and double. Pkt., 5c.

916. Snowball. Pure white flowers. Pkt., 10c.

917. Dwarf Golden Gem. Compact. Pkt., 5c.

COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

920. Purple. Bell-shaped flowers. Pkt., 10c.

WHERE FOOD WILL NOT GROW—GROW FLOWERS.



COSMOS.

A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

925. Giant-Flowered Mixed. Pkt., 5c.
 925½. Double Mixed. See illustration, page 70. Double crowned and crested. Double crested centers edged with row of single flat petals. Pkt., 10c; 2 pkts., 15c.
 926½. Extra Early Colossal. The best extra early, large flowering cosmos. Long stems; fine for cutting. Crimson, pink and white shades, mixed. Pkt., 5c.
 927. Lady Lenox. Giant-flowered pink. Pkt., 5c.
 928. Mammoth White Perfection. An improved variety; keeping several days in water. Pkt., 5c.
 CYPRESS VINE. A very beautiful climber.
 930. Mixed. Rose, scarlet and white. Pkt., 10c.
 CYCLAMEN. A beautiful pot plant, flowering from seed.
 933. Giant Flowered. 25 seeds, 15c; 15 seeds, 10c.

DAHLIAS.

From Seed; blooming the first season. H. H. P. Dahlia Buds, pages 80, 81 and 82.
 935. Double Mixed. Large flowering. Pkt., 15c.
 936. Superb Single. Mixed colors. Pkt., 5c.
 937. Double Peony Flowered. Large flowers from seed. See illustration, page 70. Pkt., 15c; 2 pkts., 25c.

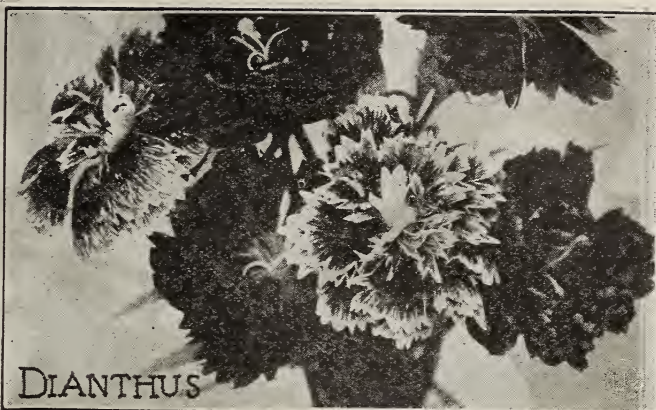
DAISIES.

One of the most charming early spring flowers; very easily raised from seed. H. P.
 940. Fine Mixed. All colors. Pkt., 10c; 2 pkts., 15c.
 941. New Snowball. Very large and double. Pkt., 10c.
 943. Delicata. White, tinged with rose. Pkt., 10c.
 943½. Arcototis. H. A. The Blue-eyed Daisy. Pkt., 5c.
 944. Shasta. See illustration. Large graceful flowers. Pkt., 15c; 2 pkts., 25c.
 944½. Golden Orange. A new annual for the summer garden. Golden-orange colored flowers. Pkt., 5c.

DIANTHUS.

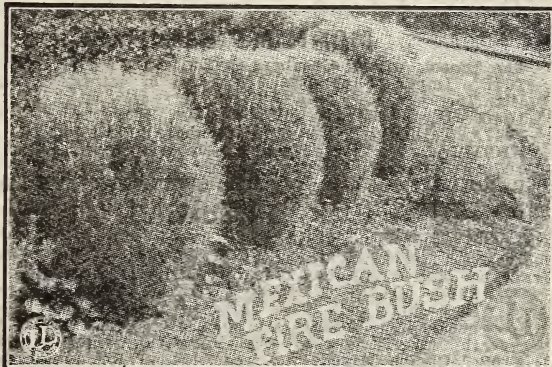
One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. Illustrated above. H. B.
 950. Double Chinese. Extra choice. Pkt., 5c.
 951. Single Chinese. Extra fine. Pkt., 5c.
 952. Imperialis fl. pl. Mixed colors. Pkt., 5c.
 955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 10c; 2 pkts., 15c.
 956. New Japanese Pink. A new variety producing very large flowers; laced and fringed. Pkt., 10c.
 957. Plumarius. Clove Pink. H. P. Pkt., 15c.
 DIGITALIS (Foxglove). A very handsome ornamental plant, succeeding under almost all conditions. H. P.
 958. Gloxiniaeflora Mixed. All colors. Pkt., 10c.
 DOLICHOS (Hyacinth Bean). A rapid climber.
 960. Mixed. Very striking. Pkt., 5c.
 EVERLASTING (Straw Flower). Much prized for winter decoration. If carefully cut when partially open and dried head downward, in a cool place—they will retain their brilliant colors, almost indefinitely.
 965. Helichrysum Mixed. Red, orange, etc. Pkt., 10c.
 966. Statice. Blue sea lavender. Pkt., 5c.
 967. Acroclinium Mixed. White, pink, etc. Pkt., 10c.
 One packet each, of the above three varieties. 20c.

PLANTS. Our plants are grown by Turville Flower Farm, one of the largest commercial growers of straw-flowers in the country. Helichrysum Mixed. The Everlasting or Straw Flower. Doz., 35c; 50 for \$1.10, postpaid.



FORGET-ME-NOT (Myosotis). Everybody's favorite. Star-like flowers. Blooming first year.

970. Mixed. Blue and white. Pkt., 10c; 2 pkts., 15c.
 FOUR O'CLOCK (Marvel of Peru). H. A.
 975. Fine Mixed. Pkt., 5c.
 FUCHSIA (From seed). A well-known plant.
 980. Double Mixed. Pkt., 15c; 2 pkts., 25c.
 GAILLARDIA (Blanket Flower). Very desirable for masses, borders and for cutting. H. H. A.
 985. Double Mixed. Round as a ball. Pkt., 5c.
 986. Hardy Mixed. H. P. Bright colored flowers, in shades of crimson, scarlet and orange. Almost ever-blooming. Pkt., 5c.
 GERANIUMS. From Seed. Blooming plants can be grown from seed the first year.
 987. Single Mixed. Large flowering. Pkt., 10c.
 GODETIA. Constant bloomers, very attractive, and well adapted to any soil.
 990. Finest Mixed. Sure to please. Pkt., 5c.
 GYPSOPHILA. Valuable for mixing with other cut flowers.
 994. Elegans. Pink and white sprays. Pkt., 5c.



GOURDS.

Ornamental. Also useful as well as ornamental. T. A. See page 47 for other useful sorts.

995. Mixed. Many sorts. Pkt., 5c.
 996. Chinese Bottle. Useful and ornamental. Pkt., 5c.
 997. Genuine Pipe. Comes true to name. Pkt., 5c.
 HIBISCUS. A perennial; blooms the first year.
 998. New Giant-flowering. Enormous flowers, 10 to 12 inches in diameter; colors, rich dark red, soft mallow-pink and pure white. Pkt., 5c.
 HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer.
 1005. Double Mixed. Producing the largest flowers. Pkt., 10c; 2 pkts., 15c.
 1007. Everblooming. An annual. A new strain blooming the first season from seed. Tall spikes; flowers varied, single, semi-double and double with every shade of color to be found in hollyhocks—illustrated on page 3. Pkt., 15c; 2 pkts., 25c.
 KOCHIA. (Mexican Fire Bush). See illustration. One of the most beautiful hedge plants ever introduced. H. A.
 1013. A rapid grower, producing globe-shaped bushes of finely cut green leaves and stems, which in the early fall change in color to a rich carmine. Pkt., 5c.
 HELIOTROPE (1000), HUMULUS (1010), ICE PLANT (1012)—page 72.



1056. OLDS' DWARF SILVER QUEEN NASTURTIUM. A new variety sure to please and one that will be a great favorite when better known. The plants are dwarf and compact. The foliage is silver variegated and gives a very pleasing effect; cream colored flowers, lightly flaked or splashed with scarlet. Pkt., 10c; 2 pkts., 15c; oz., 25c.

DWARF NASTURTIUMS.

Dwarf or Tom Thumb Varieties are unrivaled in beauty. They are well adapted to poor soil.

1050. Dwarf Mixed. All choice colors. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

1051. Empress of India. Deep crimson, dark leaved. Pkt., 5c; oz., 20c; ¼ lb., 40c.

1052. Ladybird. Golden yellow, barred with crimson. Pkt., 5c; oz., 20c; ¼ lb., 40c.

1053. Chameleon. Dwarf French, variegated colors. Pkt., 5c; oz., 20c; ¼ lb., 40c.

1054. Dwarf Fireball. A new variety with deep orange-scarlet flowers. Pkt., 5c; oz., 20c; ¼ lb., 45c.

1055. Queen of Tom Thumbs. Plants dwarf and compact; silver variegated foliage; bright crimson flowers. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 50c.

TALL NASTURTIUMS.

The tall varieties are suitable for trellis, porch or veranda decorations, or can be grown without support. No flower is more attractive or brighter than these.

1060. Tall Mixed. The finest assortment. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

1061. Scarlet Beauty. Variegated-leaved. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c.

1063. Ivy Leaved. A new, distinct variety; ivy-shaped leaves. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 49c.

1065. Lobbs' Mixed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

BOOK, HOME FLORICULTURE. A practical book, telling just how to grow the prettiest flowers in house and garden. Written very interestingly. 300 pages. Price, \$1.75, postpaid.

MORNING GLORIES.

The Finest Annual Climbers in Existence.

1045. Imperial Japanese. Wonders of nature. Pkt., 5c; oz., 25c; ¼ lb., 75c.

1046. Dwarf Mixed. Pkt., 5c; oz., 20c.

1047. Tall Mixed. A rapid climber. Pkt., 5c; oz., 15c.

NICOTIANA. Bushy plants laden with bright red flowers.

1070. Sanderae. Hardy Annual. Pkt., 5c.

PANSIES. Giant Prize and other varieties, page 73.

PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. A.

1100. OLDS' FINEST MIXED. Everybody loves petunias—they are such free bloomers, but many are disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration opposite. Pkt., 25c.

1102. Choice Mixed. A free bloomer, producing in great abundance, bright flowers. Pkt., 5c.

1103. Rosy Morn. Dwarf bushy plants, blooming freely all summer and fall, clear pink flowers, with a white throat. Pkt., 10c.

1105. Snowball. Pure satiny white flowers, suitable for edgings. Pkt., 10c; 2 pkts., 15c.

1106. Giant Excelsior. A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 25c; 2 pkts., 45c.

1109. Double Mixed. Very handsome large flowers. Pkt. (30 seeds), 25c; 2 pkts., 45c.

PETUNIA PLANTS. Giant Ruffled Mixed. Best for bedding or garden growing. Rosy Morn. Bright pink, free flowering. Best for window boxes. Either variety: Doz., 35c; 50 for \$1.10, postpaid.

HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.

1000. Choice Mixed. Pkt., over 500 seeds, 10c.

HUMULUS (Japanese Hop). A rapid growing climber.

1010. Japonicus. Withstands heat, drought and insects. Pkt. of 50 seeds, pkt., 10c; 2 pkts., 15c.

ICE PLANT. 1012. Dwarf-trailing annual plants, with ornamental ice-like foliage; white flowers. Pkt., 5c.

LARKSPUR. Tall Rocket. One of the best known of our garden flowers.

1015. Fine Mixed. Best annual varieties. Pkt., 5c.

1017. Belladonna. Blue Hybrids. H. P. Pkt., 10c.

LATHYRUS (Everlasting Peas). Attractive. H. P.

1020. Latifolius Mixed. Pkt., 10c; 2 pkts., 15c.



MIGNONETTE.

A great favorite; sweet and fragrant. H. A.

1035. Pure Machet. An extra fine strain. Dwarf and compact. Pkt., 5c.

1036. Yellow Prince. Large canary-yellow flowers; dwarf and compact. Pkt., 5c.

1038. Giant Defiance. The largest flowered and most fragrant variety grown. Pkt., 5c.

MOONFLOWER (Ipomoea Noctiflora).

1041. White. Ivy leaved. Pure white. Pkt., 10c.

1042. Pink. Ivy leaved. Rosy pink. Pkt., 10c.

LOBELIA and MARIGOLD on page 73.



OLDS' GIANT PRIZE PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each.

1075. OLDS' GIANT PRIZE MIXED. This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration above, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

1077. OLDS' LARGE FLOWERING. A superb mixture, producing large flowers, of a great variety of charming colors—the best old German varieties mixed. Pkt., 20c; 2 pkts., 35c; 5 pkts., 75c.

1078. OLDS' ROYAL MIXED. See illustration. A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkt., 15c; 2 pkts., 25c.

1079. GIANT TRIMARDEAU MIXED. Large flowers; rich and varied shades. Pkt., 10c; 2 pkts., 15c.

1080. MASTERPIECE. A new distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 10c; 2 pkts., 15c.

1083½. MARCH FLOWERING. These pansies are very desirable, owing to the extreme hardiness of the plants and their early flowering habit. The plants will winter in the open ground, with slight protection; flowering early and in great profusion. Pkt., 10c; 2 pkts., 15c.

1084. APPLE BLOSSOM. Orchid Flowered. A distinct large flowering variety, with perfectly formed delicate pink apple-blossom flowers. Pkt., 10c; 2 pkts., 15c.

WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance.

1087. GOLDEN GEM. Rich pure golden yellow, without black center. Pkt., 10c; 2 pkts., 15c.

1088. SUNSHINE. Striped and mottled. Pkt., 10c; 2 pkts., 15c.

1090. PRESIDENT MCKINLEY. Very effective. Black, bordered with yellow. Pkt., 10c; 2 pkts., 15c.

1091. GIANT PURE WHITE. Large, pure white flowers, without blotches. Pkt., 10c; 2 pkts., 15c.

1092. BLACK PRINCE. Giant jet black flowers. Pkt., 10c.

1094. VICTORIA. Deep claret. The finest large flowered red variety grown. Pkt., 10c; 2 pkts., 15c.

1095. AZURE BLUE. A beautiful shade of sky blue. Very effective. Pkt., 10c; 2 pkts., 15c.

One pkt. each, of the above seven varieties White House Pansies, 50c; 2 pkts. of each, 85c.

PANSY PLANTS. Grown from seed produced by named exhibition flowers—many of them waved and showing a wonderful range of colors. Strong well-rooted plants, ready to bloom. Doz., 70c; 50 for \$2.50, postpaid.

PETUNIAS. The people's flower. See page 72.

PHLOX DRUMMONDII.

1110. OLDS' FINEST MIXED. See illustration. Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Pkt., 10c; 2 pkts., 15c.

1112. Drummondii Fine Mixed. Pkt., 5c.

1113. New Dwarf Cicely. Large red and purple flowers, with a distinct white eye. Pkt., 10c; 2 pkts., 15c.

1113½. Coccinea. Fiery scarlet. Pkt., 10c; 2 pkts., 15c.

1114. Starred and Fringed. A distinct variety; star-like flowers. Pkt., 10c; 2 pkts., 15c.

1116. New Yellow. Flowers extra large; of a rich straw yellow. Pkt., 10c; 2 pkts., 15c.

1117. Snowball. Flowers pure white; resembling snowballs. Pkt., 10c; 2 pkts., 15c.

LOBELIA (Cardinal Flower). For borders and edgings. H. P.

1025. Mixed. Dwarf varieties. Pkt., 5c.

MARIGOLD. Very effective for beds or borders. H. A.

1030. Mixed. Dwarf French. Pkt., 5c.

1031. Lemon Queen. Lemon colored. Pkt., 10c; 2 pkts., 15c.

STOCKS.

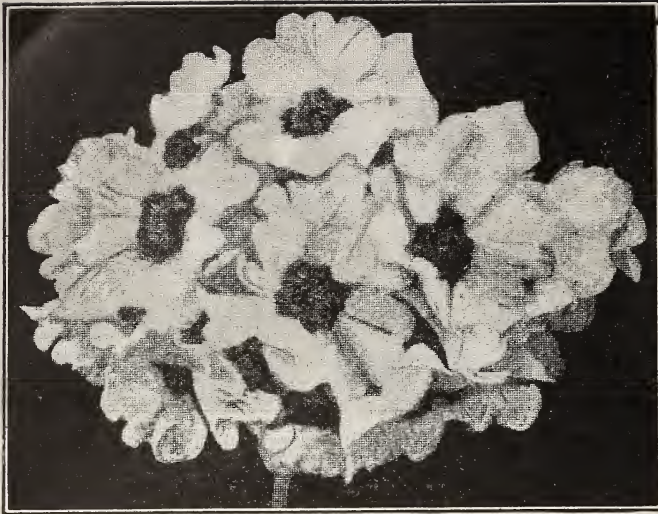
Large Flowering, Ten Weeks. Prized for their fine display of color. H. H. A.

1170. Finest Mixed. Choice colors. Pkt., 5c.

1171. White Princess. Best white. Pkt., 10c; 2 pkts., 15c.

"OLDS' CATALOG TELLS THE TRUTH."





Primula-Obconica Grandiflora. Pkt., 25c.



POPPIES.

Great favorites with everybody—greatly improved varieties. H. A.



- 1120. Olds' Finest Mixed. See illustration. Very large flowers of good form and substance. Pkt., 5c.
- 1121. Improved Carnation. Double mixed. Pkt., 5c.
- 1122. Reselected Shirley. Compact. Pkt., 5c.
- 1123. White Swan. Double white; very effective. Pkt., 5c.
- 1124½. Fairy Blush. Giant feather ball flowers. Shaded cream rose. Pkt., 5c.
- 1126. Admiral. A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet. Pkt., 5c.
- 1126½. Flanders. World War Memorial Flower. Pkt., 10c.
- 1127½. Eldorado. A novelty; entirely distinct from the old line of poppies. Large semi-double, salmon colored flowers. Beautiful in form and color. Large pkt., 10c; 2 pkts., 15c.
- 1128. Iceland Mixed. H. P. Beautiful and fragrant. Pkt., 15c.
- 1128½. Red Oriental. H. P. A very striking color. Very few flowers have the gorgeous coloring of the Oriental Poppy—see illustration opposite. Pkt., 10c; 2 pkts., 15c.
- 1129½. King Edward. Deep scarlet with a large blotch at the base of each petal. Pkt., 5c.
- PORTULACA. Unrivalled for beauty. H. A.
- 1130. Double Flowering. A fine assortment. Pkt., 10c.
- 1131. Single Mixed. All colors. Pkt., 5c.

PRIMULA. Chinese Primrose.

- Easily grown from seed. Sow early and transplant.
- 1135. Large Flowering. Mixed. Pkt., 20c; 2 pkts., 35c.
- 1138. Giant White. Best white. Pkt., 25c; 2 pkts., 45c.
- 1139. Obconica. Grandiflora mixed. Illustrated above. Pkt., 25c.
- RICINUS (Castor Oil Bean). Tall-growing ornamental plants; useful as centers for beds.

- 1140. Mixed. 6 to 15 ft. high. Pkt., 5c.
- ROSES FROM SEED. Will bloom in sixty days.
- 1142. Rosa Multiflora. Hardy, dwarf flowered roses for garden planting or pot culture. All colors mixed. Pkt., 10c; 2 pkts., 15c.
- SALPIGLOSSIS (Velvet Flower). A great favorite. H. H. A.
- 1145. Fine Mixed. Very ornamental. Pkt., 10c; 2 pkts., 15c.

SALVIA SPLENDENS.

- Flowering Sage. A very popular, H. H. P.
- 1150. Scarlet Sage. See illustration. Brilliant flowers. Pkt., 10c; 2 pkts., 15c.
- 1151. Fireball. Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 15c; 2 pkts., 25c.
- 1152. Patens. Bright blue flowers. Pkt., 20c; 2 pkts., 35c.
- 1154. Ostrich Plume. A splendid new variety covered with gorgeous plumes of the brightest color. Pkt., 25c; 2 pkts., 45c.
- SALVIA PLANTS. We can furnish Scarlet Sage Plants. Brilliant scarlet flowers; fine for bedding or pot culture—satisfactory for cutting. These plants usually carry well by mail. Doz., 35c; 50 for \$1.10, postpaid.
- SCABIOSA (Mourning Bride). Splendid border plants. H. A.
- 1155. Double Mixed. Large flowering. Pkt., 5c.
- SCHIZANTHUS (Butterfly Flower). Poor Man's Orchid. H. A.
- 1160. Mixed. Very picturesque. Pkt., 5c.
- SENSITIVE PLANT (Mimosa Pudica). Curious plants. H. A.
- 1163. Leaves close and droop at the slightest touch; pinkish-white flowers. Pkt., 5c.
- SMILAX. The finest thing out. T. A.
- 1165. Fine for hanging baskets. Pkt., 10c; 2 pkts., 15c.
- STOCKS. Large Flowering, Ten Weeks. Page 73.





STOKESIA (Corn Flower Aster).

1175. Cyanea. For borders. Very distinct. Pkt., 5c.

SUNFLOWER. Desirable for any location.

1180. Chrysanthemum Flowered. Bright golden yellow, double flowers. Pkt., 5c.

1182. Miniature. Bright and showy. Pkt., 10c; 2 pkts., 15c.

1184. New Red. A novelty of merit. The flowers vary in size from 4 to 7 inches across with a variation of colors. Pkt., 5c.

SWEET PEAS. Giant Prize and Large Flowering Spencer Varieties. Page 76.

SWEET WILLIAM. Fine for borders. H. P.

1300. Single Mixed. Perfect flowers. Pkt., 5c.

1301. Scarlet Beauty. Deep scarlet. Pkt., 10c; 2 pkts., 15c.

1302. Newport Pink. Beautiful salmon-pink colored flowers, borne in massive heads. Pkt., 10c; 2 pkts., 15c.

THUNBERGIA. Rapid growing annual climbers.

1302½. Black-Eyed Susan. Useful for hanging baskets, etc.; buff, white and orange colored flowers. Pkt., 10c; 2 pkts., 15c.

CHINESE WOOLFLOWER.

1303. The most showy garden annual in cultivation—see illustration. A recent introduction from China. The plants grow from two to three feet tall and have immense globe-shaped, crimson-scarlet heads, often two feet in circumference. The flowers cut fresh and carefully dried retain their shape and brilliant color, like everlasting. They are most useful in winter decorating. This new flower is easy to grow and is quite effective in beds or tall borders. Price: Pkt. (about 150 seeds), 15c.

VERBENAS. Free-flowering, hardy annuals of low, spreading growth; great favorites—illustrated above.

1305. Olds' Finest Mixed. Largest flowers and the choicest colors. Pkt., 10c; 2 pkts., 15c.

1307. Fine Mixed. All fine shades. Pkt., 10c; 2 pkts., 15c.

1311. Defiance. Bright scarlet. Pkt., 10c; 2 pkts., 15c.

1312. Italian Striped. Very showy. Pkt., 10c; 2 pkts., 15c.

WALLFLOWER. Fine for cutting. H. H. P.

1315. Single Mixed. Pkt., 5c.

ZINNIAS. Large free-flowering plants; always popular, fine for borders. H. H. A. See illustration.

1325. Superb Double Mixed. Pkt., 10c; 2 pkts., 15c.

1326. Dwarf Snowball. Pure white. Pkt., 10c; 2 pkts., 15c.

1328. Curled and Crested. Pkt., 10c; 2 pkts., 15c.

1329. Fire King. Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 10c; 2 pkts., 15c.

NEW GIANT FLOWERED ZINNIAS.

This new strain is the result of many years of selection and hybridizing. The flowers are very large and their shape closely resembles those of the Decorative Dahlias. The plants are tall, vigorous and produce flowers freely. We recommend these new Zinnias to all who appreciate something new. One packet each variety 25c.

1332. Giant Flowered Buttercup. A very taking variety. The color is a beautiful shade of yellow. Pkt., 10c; 2 pkts., 15c.

1333. Giant Flowered Victoria. Very large flowers with quite a range of colors. The petals are quilled and twisted and have a pin wheel effect. Pkt., 10c; 2 pkts., 15c.

1335. Giant Flowered Mixed. Large, giant flowers with a wide range of colors and pleasing shades. These Zinnias hold their freshness and beauty a long time. Pkt., 10c; 2 pkts., 15c.

ZINNIA PLANTS. Giant Flowered Double. Sturdy plants. Doz., 35c; 50 for \$1.00, postpaid.

MIXED FLOWER SEED.

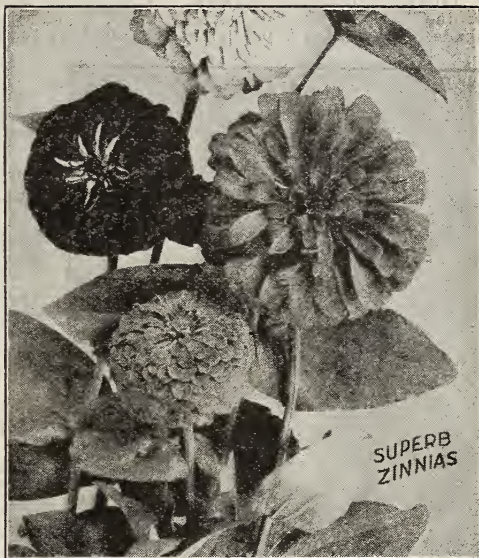
1350. A Whole Garden for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. Pkt. (¼ oz.), 5c; oz., 15c.

HOUSE PLANTS FROM SEED.

Collection Offer. Six of the finest sorts, all easily grown from seed. The work is interesting and fascinating. Each seedling plant will be an entirely new variety and each packet of seed will produce many plants. Full directions enclosed.

For 70c we will send one packet each of the following amounting at regular prices to 80c.

933. Giant Cyclamen....	10	987. Single Geranium...	10
862. Flowering Begonias..	10	1139. Chinese Primrose...	25
980. Double Fuchsia....	15	1142. Rosa Multiflora...	10



MIXED PERENNIALS.

Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who want such a bed should order one of our large-sized (½ oz.) packets of Mixed Perennials. Pkt., 15c; oz., \$1.00.

Where food will not grow, grow flowers.



1200 OLDS' PRIZE MIXED. An unsurpassed mixture of the best old-fashioned Grandiflora sorts. The seed has been grown from selected stocks. It includes many separate named varieties—no better colors offered in any collection. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

1201 $\frac{1}{2}$ SUNRISE MIXED. A most pleasing mixture of the Early Flowering Spencers only, in many tints and shades. Pkt., 10c; 2 pkts., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

GIANT SPENCERS MIXED.

1203 OLDS' MIXED. Olds' Spencer Mixed is a blend of the waved or orchid-flowered sweet peas—named varieties and new seedlings. This type of sweet-pea has large flowers, with waved petals of good substance; borne on long, slender stems—three or four flowers to the stem. Make a liberal planting of this mixture—the peoples flower. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

EARLY FLOWERING SPENCERS.

1204 $\frac{1}{2}$ SNOW FLAKE. The best early, snowy white variety. The flowers are large, usually borne in fours on long, stiff stems. Pkt., 15c; 2 pkts., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

1205 $\frac{1}{2}$ CANARY BIRD. This is a splendid cream or primrose colored self. The flowers are of great size and beautifully waved. Pkt., 15c; 2 pkts., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

1206 $\frac{1}{2}$ SPRING MAID. An altogether new and distinct shade in sweet peas. It may be described as a pale peach-blossom pink, the color becoming deeper as the flowers age. Pkt., 15c; 2 pkts., 25c; oz., 50c.

1207 $\frac{1}{2}$ ENCHANTRESS. Immense flowers, finely waved and frilled. The color is very attractive, a bright rose pink, becoming deeper toward the edge of the standard and wings. Price, same as for Canary Bird.

1209 $\frac{1}{2}$ MORNING STAR. Deep orange scarlet in a glowing live coal effect. Graceful sprays on strong, slender stems; vigorous in growth. Price, same as for Canary Bird.

1210 $\frac{1}{2}$ ZEPHYR. A splendid shade of pale silvery blue. Large, well waved flowers. Altogether a most dainty and charming variety. Pkt., 15c; 2 pkts., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.60.

1211 $\frac{1}{2}$ LIBERTY. Intense sparkling rose crimson. Large flowers, with petals of heavy satiny texture; holds up well after cutting. Price, same as for Canary Bird.

1212 $\frac{1}{2}$ CONGO. A chocolate maroon, giant flowered variety—sure to please; dark rich shade. Price, same as for Canary Bird.

BLENDED COLORS. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

1275 CREAM, PRIMROSE AND WHITE. King White, etc.

1276 BLUE AND LAVENDER SHADES. Wedgewood, etc.

1277 SHADES OF RED. Fiery Cross, Geo. Herbert, etc.

1278 PINK AND ROSE SHADES. Mrs. Cuthbertson, etc.

1279 SALMON AND ORANGE SHADES. Robt. Sydenham, etc.

1280 CHOCOLATE AND MAROON SHADES. Nubian, etc.

1281 FLAKED AND STRIPED. America, etc.

SUMMER-FLOWERING SPENCERS. Pkt., 10c; 2 pkts., 15c; oz., 30c; $\frac{1}{4}$ lb., 85c.

CREAM, PRIMROSE AND WHITE.

1203 $\frac{1}{2}$ King White. Gigantic, white, vigorous.

1212 Primrose. Old Ivory shade.

1217 $\frac{1}{2}$ Mrs. Routzahn. Apricot shaded pink.

1221 $\frac{1}{2}$ Margaret Atlee. Cream flushed salmon.

BLUE AND LAVENDER.

1226 $\frac{1}{2}$ Wedgewood. Azure blue.

1227 $\frac{1}{2}$ Mrs. Townsend. White edged blue.

1228 $\frac{1}{2}$ Asta Ohn. Clear lavender.

1229 $\frac{1}{2}$ Florence Nightingale. Lavender rose.

1230 $\frac{1}{2}$ Royal Purple. Rich purple.

SHADES OF RED.

1235 $\frac{1}{2}$ Geo. Herbert. Rosy carmine.

1236 $\frac{1}{2}$ Vermilion Red. Intense scarlet.

1237 $\frac{1}{2}$ Fiery Cross. Glittering Orange Scarlet.

1238 $\frac{1}{2}$ King Edward. Rich unfading crimson.

SWEET PEA GARDEN NO. 1. One pkt. of Sunrise Mixed and one pkt. each of the eight Early-Flowering Spencers—nine pkts. in all, amounting to \$1.30 for \$1.00 postpaid.

SWEET PEA GARDEN NO. 2. One pkt. each of seven Summer-Flowering Spencers: Wedgewood, Mrs. Routzahn, Mrs. Cuthbertson, Thomas Stevenson, King Edward, King Manoel, America and one pkt. of Giant Spencer Mixed, amounting to 80c. for 60c. postpaid.

OLD-FASHIONED GARDEN MIXTURE. For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Mignonette and others. Pkt., ($\frac{1}{8}$ oz.), 10c; 2 pkts., 15c.



NURSERY DEPARTMENT, Ornamental.

We have our own Nursery and most of the plants and bulbs we offer are produced right here at Madison. We know our stock is good for we grow it that way. Remember we pay all postage except where otherwise mentioned. Leaflet on care of shrubbery sent free on request.



Spirea Van Houttei.

HARDY SHRUBS.

We are discontinuing the small 30 cent size of shrubs offered in former catalogs for we believe our customers will be better pleased with larger stock. The plants we now offer at prices ranging from 40 to 50 cents are, unless otherwise specified, two feet and over in height.

SPIREA VAN HOUTTEI. (Hardy Bridal Wreath). Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. The rich green foliage is especially pleasing in its autumnal colorings. For specimen or foundation plantings Spirea Van Houttei is unequalled and it makes a most attractive flowering hedge. Each, 40c; 3 for \$1.10; 12 for \$4.25.

FROEBEL'S SPIREA. A Japanese type with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Begins to bear flat clusters of rose colored flowers almost as soon as planted and continues in bloom until late autumn. Bushy plants. 1½ to 2 feet: Each, 45c; 3 for \$1.15; 12 for \$4.35.

BUSH HONEYSUCKLE. Long-lived shrubs of dense upright growth, eventually reaching a height of 5 to 8 feet. In spring they bear myriads of fragrant white blossoms followed by a profusion of vinous red "twin" berries that hang on the branches until winter. A valuable shrub for screens or massing. Each, 50c; 3 for \$1.25; 12 for \$4.75.

PURPLE LILAC. An old-time favorite that will always remain popular. Flowers have a delicate but unique fragrance. 1½ foot plants: Each, 50c; 3 for \$1.25; 12 for \$4.75.

HYDRANGEA PANICULATA. Creamy white flowers changing to pink and borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 1½ foot plants: Each, 50c; 3 for \$1.25; 12 for \$4.75.

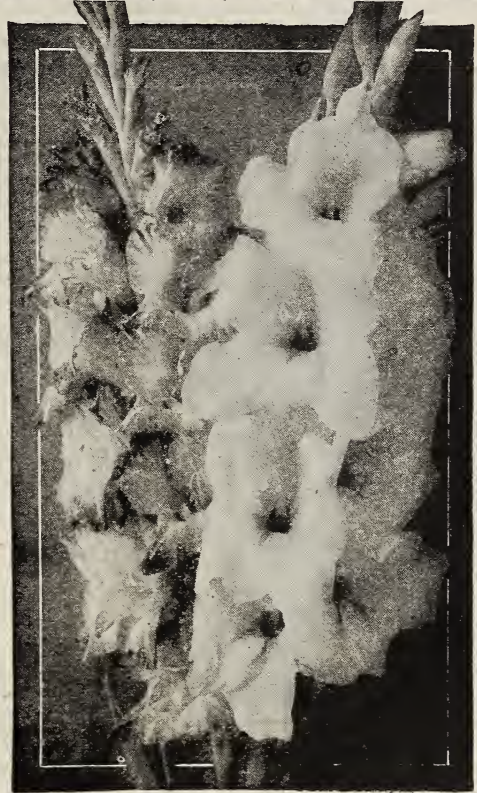
FORSYTHIA. (Golden Bells). In early spring the slender and gracefully arching branches are lined with pendant golden flowers followed a little later by heavy foliage of a dark and lustrous green. Each, 45c; 3 for \$1.15; 12 for \$4.35.

SNOWBERRY. One of the prettiest of low-growing shrubs, hardy, and succeeding in almost any soil or in partial shade. The tiny pink flowers are followed by waxy white berries which last well into the winter. Each, 40c; 3 for \$1.10; 12 for \$4.25.

WEIGELIA, Rose Flowered. An easily grown shrub of great beauty. The rose colored trumpet-shaped flowers appear in wonderful abundance during June and July. Each, 45c; 3 for \$1.15; 12 for \$4.35.

CORNUS SIBERICA. (Red Winter Dogwood). A sturdy upright shrub growing six to ten feet high and of especial value for screening unsightly views. Cream colored flowers in numerous flat clusters are followed by berry-like fruits of palest blue. The bark of the new shoots is a rich intense red, giving a warm and brilliant effect in winter. Each, 40c; 3 for \$1.10; 12 for \$4.25.

See Page 84 for vines, rose bushes, and shade trees.



Ruffled Glory and Peace.

OLDS' FINEST GLADIOLI

The Giant Gladioli of today are without question the most popular and the most easily grown of all summer flowers. Full cultural directions sent free on request.

RUFFLED GLORY. The opening buds are soft cream edged with pink, but as the flowers expand the ground color changes to rich ivory. Buff and crimson penciled throat and finely ruffled petals. Each 8c; 6 for 40c; 12 for 75c.

RED EMPEROR. A magnificent clear bright red, the petals showing a peculiar, satiny sheen. Wide-open flowers, 5½ inches in diameter, loosely arranged on strong graceful stems. Each 20c; 6 for \$1.00; 12 for \$1.90.

MYRTLE. Somewhat waved flowers of delicate arbutus pink, very pale in the center of the bloom but shading to rose-pink toward the petal edges, the whole giving an indescribable cool effect. Each, 12c; 6 for 65c; 12 for \$1.20.

SCARSDALE. Lavender, tinted with old rose. Extra fine. Each, 9c; 6 for 45c; 12 for 85c; 25 for \$1.60.

MRS. FRANK PENDLETON. One of the most exquisitely colored sorts on our entire list. Very large flowers of delicate pink, contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 9c; 6 for 45c; 12 for 85c; 25 for \$1.60.

HALLEY. Salmon pink with carmine marked yellow throat. 4½ inch blooms. Very early. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25.

COLLECTION NO. 6. SPECIAL TRIAL OFFER. Two each of the above six named varieties together with three of the New Hybrids described at bottom of page 70 or 15 bulbs in all for only \$1.00, postpaid.

FOR HEDGES. JAPAN BARBERRY. Dense growing thorny shrubs with drooping yellow flowers followed by bright red berries. Foliage changes to fiery crimson in autumn. Japan Barberry is wonderfully effective for specimen and foundation planting and it makes the very best of informal deciduous hedges. This variety, unlike common barberry, does not harbor wheat rust and may be planted anywhere. Regular size, 40c each, postpaid. By express: 12 for \$3.50; 100 for \$25.00. Smaller size, by express: 12 for \$2.25; 100 for \$17.00.

THE GLADIOLUS

Even more than the iris the gladiolus is the rainbow flower for it shows every hue of the rainbow in purest self colors and dainty blendings. The great lily-like blooms surpass the finest of the true lilies, not only in shape and markings but also in lasting qualities of the cut flowers and in ease of culture. Fairer than orchids, longer lasting than roses, they are as easily grown as potatoes. No other flower gives so much and costs so little. Spend your summer among our gladioli. Cultural leaflet, free on request.



Prince of Wales.

PRINCE OF WALES. Large well opened flowers of clearest salmon but with old ivory throat delicately flushed salmon rose. The stalks take up water well, the buds unfolding to the very tip and many being open at any one time. In season it is very early, blooming with Myrtle, Halley, and Chicago White and immediately following Wilbrink. We cannot speak too highly of this fine new gladiolus. No other variety can approach it in its color. See illustration at left. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.60; 100 for \$11.00.

BLUE JAY. A true "Blue Jay" shade much lighter than Baron Hulot. The well-opened flowers are carried on tall, slender stalks. In color they are a light violet blue, sometimes flaked with indigo. The deepest throat is feathered crimson, this quickly shading into a pointed black-maroon blotch with a great spot of cream at the tip. The cream color goes entirely through the petal showing in the reverse. The upper center petal carries two crimson spots which show on the back as creamy white. Each 25c; 6 for \$1.25; 12 for \$2.25; 25 for \$4.25.

WILBRINK. Probably the very earliest gladiolus grown; at least it is the earliest we have ever tried. The buds are lilac flushed and striped on a primrose ground. As the flowers open, the lilac changes to light shell pink with still a hint of primrose, almost an "America" shade but without any tinge of lavender. The throat is deep yellow stippled with carmine. Flowers are of largest size, many open at once. One of the finest. Each 15c; 6 for 75c; 12 for \$1.35; 25 for \$2.50; 100 for \$8.00.



Princes—The Giant Flowered.

COLLECTION NO. 7. NOVELTY OFFER. We will send three each of the above new sorts or nine bulbs in all for \$1.40, postpaid.

PRINCES. Intense scarlet wide-open flowers of immense size. Large snowy-white throat markings. Very striking. Each 10c; 6 for 55c; 12 for \$1.00; 25 for \$1.90; 100 for \$7.00.



Willie Wigman.

AMERICA. Probably the most satisfactory gladiolus ever introduced and today without exception the most popular and widely grown variety the whole world over. It makes a strong, healthy plant with three foot erect flower spikes bearing many fine spreading blossoms all facing one way. The color is an exquisite soft lavender pink. We sell more America bulbs than of any other gladiolus on our list. Each 6c; 6 for 30c; 12 for 50c; 25 for 90c; 100 for \$3.35; 500 for \$12.50.

NIAGARA. One of the better large-flowering sorts, a sturdy grower with petals of heavy texture. The flowers are a delightful shade of cream with the two lower petals shading to canary yellow. The throat and petal edges are attractively splashed carmine rose. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25; 100 for \$4.75.

THOMAS T. KENT. The largest flowered and strongest growing variety on our list. The individual blooms are four to six inches in diameter with six and seven of them open at one time. They are carried on strong spikes, sometimes six feet tall. General ground color of the flowers is bluish white, shading to rose and flushed much deeper toward the petal edges. Carmine feathered throat with center band of ruby. The three lower petals show single or double rows of ruby stippling and mottling, looking as if they had been painted. Each, 25c; 6 for \$1.30; 12 for \$2.35.

GOLDEN KING. Brilliant yellow with intense crimson throat blotch. Each, 8c; 6 for 40c; 12 for 75c; 25 for \$1.45.

EMPRESS OF INDIA. A rich, dark red or deep velvety mahogany; the opening buds being almost black. Blooms early and opens to large size. Each, 10c; 6 for 50c; 12 for 95c.

WILLIE WIGMAN. Large bluish white flowers with great primrose bordered splash of tulip red on lower petals. Exceptionally tall, graceful spike. Each, 10c; 6 for 55c; 12 for \$1.00.

SCHWABEN. The largest flowered yellow gladiolus. It opens as a pure canary yellow shading to sulphur. The throat, of brightest gold color, is marked with small, deeply set spot of brownish maroon. Schwaben is a sturdy vigorous grower and the luxuriant dark green foliage together with the rare color of the flowers make it most effective for either bedding or cutting. Each, 10c; 6 for 50c; 12 for 95c; 25 for \$1.75; 100 for \$6.00.



RED, WHITE AND BLUE GLADIOLI.

Three sorts worth growing.
WAR. Giant blood-red shading to crimson black in throat but without other markings. Tall and stately. Formerly sold at one dollar each. Each 10c; 6 for 50c; 12 for 95c; 25 for \$1.75.

PEACE. Giant glistening white marked with lilac line on lower petals. Robust healthy plants carrying magnificent flower spikes. Probably the best white gladiolus ever introduced. Each, 10c; 6 for 50c; 12 for 95c; 25 for \$1.75.

BARON HULOT. The one variety we could not get along without. In color it is the richest and most velvety of dark indigo blues, a rare shade in gladioli. Each 10c; 6 for 50c; 12 for 95c; 25 for \$1.75; 100 for \$6.75.

COLLECTION NO 8. We offer five each of the above three sorts or fifteen bulbs in all for \$1.00, postpaid.

PANAMA. A new seedling of America resembling the parent variety in every way except that it is a much deeper and clearer pink. Tall spike with wax-like flowers,



large and well-arranged. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25.

SULPHUR KING. Throws a fine long spike of clear sulphur yellow flowers which show but the faintest of throat markings. Wonderfully effective cut with Baron Hulot. Each 15c; 6 for 70c; 12 for \$1.35.

PINK PERFECTION. True apple-blossom pink with fine white stripe. Attractive in bud and magnificent when in full bloom. This is one of our favorites. Each 14c; 6 for 70c; 12 for \$1.30.

MRS. FRANCIS KING. A distinctive shade of flame pink, especially beautiful under artificial light. One of the more desirable sorts. Tall spike and large blooms. Next to America, the leading decorative variety in the florist trade. Each 6c; 6 for 30c; 12 for 50c; 25 for 90c; 100 for \$3.35; 500 for \$12.50.

CHICAGO WHITE. The very earliest snow white. Six to seven flowers open at one time. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25.

MRS. WATT. Glowing wine crimson, the shade of an American Beauty rose. A distinct and valuable novelty. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25.

EVALINE. Smoky violet on terra cotta and salmon ground with band of pure rose cerise in throat. The petals are variously flaked and splashed with grayish blue and purple. Each 8c; 6 for 40c; 12 for 75c.

MAY. White, flaked and penciled with rose. Each 7c; 6 for 35c; 12 for 60c.

INDEPENDENCE. Begonia pink with richly marked throat. Each 7c; 6 for 35c; 12 for 60c.

AUGUSTA. A pleasing white sort, sometimes lavender feathered. Each 6c; 6 for 30c; 12 for 50c; 25 for 90c.

CHICAGO FIRE. A valuable small flowered flame red bedding or border sort with distinctive habit of growth, each bulb sending up from three to seven bloom spikes making the whole bed a shimmering mass of glowing color. 12 for 50c; 25 for 90c; 100 for \$3.25.

PRIMULUS HYBRIDS. A new type, very early, and running largely to shades of orange, saffron, apricot, bronze and pink, mixed colors. 6 for 25c; 12 for 45c; 25 for 85c; 100 for \$3.00.

FINEST MIXED. A careful blend in a wide range of colors of many named sorts and new seedlings, all full blooming size. People who do not also plant mixtures—no matter how many of the named varieties they plant—will miss much pleasure. 6 for 25c; 12 for 45c; 25 for 85c; 100 for \$3.00; 500 for \$11.50.

RAINBOW COLLECTION.

COLLECTION NO. 9. We offer three each of the thirty-one named gladioli described and priced on these three pages or 93 bulbs in all for \$7.15, postpaid. Each kind will be labeled separately.

SPECIAL BULB SALES OFFER. Earn your own bulbs and flowers and some cash besides by a little pleasant sales work among your friends and neighbors. Write us today for our special plan.

FALL BULBS

Tulips, hyacinths and narcissi should be planted only in the fall and our catalog describing many named varieties of them will be out sometime next August. Write us for your copy or let us book your order now for shipment then. Prices below include postage and are guaranteed against advance.

	Per 12	Per 50
TULIPS, Early Single Mixed.....	\$.45	\$1.60
TULIPS, Early Double Mixed.....	.50	1.75
TULIPS, Tall Single Late Mixed.....	.50	1.75
CROCUSES, Mixed Extra Early.....	.20	.70
NARCISSI, Paper White.....	.95	3.65
	Each	Per 12
FORCING HYACINTHS. Finest Mixed.....	\$.12	\$1.30
BEDDING HYACINTHS. Mixed Colors.....	.09	.80



Finest Mixed Gladioli.

OLDS' NEW DAHLIAS

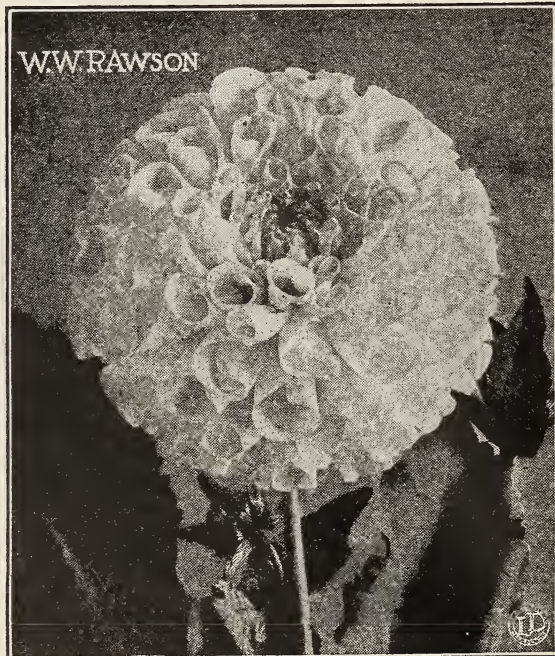
More than any other, the dahlia is the flower of Autumn, giving blossoms over a period of two to four months in late summer and fall. Leaflet, with full growing directions, free on request.



KING OF AUTUMN. This is a great dahlia, a "Decorative" of rare merit. Its habit of growth could hardly be better, producing as it does great numbers of flowers six inches or more in diameter which can be cut with very long but wiry and graceful stems. In color it shows the true autumnal tints, buff suffused terra cotta with a glow of luminous salmon pink that is especially pleasing under artificial light. Each, 65c; 6 for \$3.60; 12 for \$7.00.

BELOIT. Gigantic garnet maroon blooms of hybrid cactus type. Each, 20c; 6 for 90c; 12 for \$1.70.

SYLVIA. A most satisfactory flower for cutting. Very pretty, soft shell pink with full thick white center. An early and profuse bloomer. Each, 15c; 6 for 75c; 12 for \$1.35.



FINEST MIXED DAHLIAS. A blend of choice named varieties showing every shape, size, and color to be found in dahlias. Colors range from scarlet, crimson, purple, and lavender through all the shades of pink, orange, and yellow to white. Please note that our mixture is made up early in the season and when you order mixed dahlias we cannot tell which colors you will get. 3 for 35c; 6 for 55c; 12 for \$1.00; 50 for \$3.60.



A. D. LIVONI. Splendid clear pink, beautifully quilled and of perfect ball shape. Blooms freely under unfavorable conditions. An old favorite and our biggest seller. Each, 15c; 6 for 75c; 12 for \$1.45.

FRANCIS MARTIN. Gigantic flowers of flat decorative type borne on tall erect stems. Color is snowy white, overlaid with pure deep lavender. A new introduction and one that will surely please. Each, 75c; 6 for \$4.00; 12 for \$7.50.

BLUE OBAN. Fawn deepening to mauve and showing a decided shade of blue. Not really a blue but the closest approach to it in Dahlias. Each, 15c; 6 for 75c; 12 for \$1.35.

TRIAL GROUND OFFER NO. 15. For \$2.00 we will send, postpaid, one labeled division of each of the following ten varieties of dahlias amounting at regular prices to \$2.55.

W. W. RAWSON. A handsome variety of the colossal type with quilled inner petals broadening in distinctive form. Flowers are massive and of heavy texture. Color, glistening white overlaid with amethyst blue. Each, 35c; 6 for \$1.75; 12 for \$3.25.

PRINCESS VICTORIA. Bright canary yellow show dahlia and one of the most free flowering. Regularly quilled blooms. Each, 20c; 6 for 90c; 12 for \$1.70.

J. M. GOODRICH. A giant decorative with exceptionally long stems. Salmon, shading to rose. Each, 30c; 6 for \$1.45; 12 for \$2.75.

MERLIN. A vivid scarlet, show dahlia, very free. Each 15c; 6 for 75c; 12 for \$1.45.

PRINCESS JULIANA. Immense, pure white flowers with high centers carried on long wiry stems. Decorative. Each, 25c; 6 for \$1.25; 12 for \$2.35.

LE GRAND MANITOU. Enormous, white flowers splashed and flaked with deep violet purple. Each, 25c; 6 for \$1.25; 12 for \$2.35.

QUEEN EMMA. Peony-flowered. Large blooms with very broad petals. The color is a beautiful blending of rose-pink and gold. Each, 25c; 6 for \$1.25; 12 for \$2.35.

VIVIAN. White quilled petals, shaded cerise and edged violet rose. You must see this dahlia before you can realize its wonderful and vivid beauty. Each, 20c; 6 for 90c; 12 for \$1.70.

DREER'S WHITE. The finest giant pure white. Each, 40c; 6 for \$2.00; 12 for \$3.75.

NORMA. Enormous quilled blooms like great balls. Golden yellow, flushed and shaded with chestnut and old rose. Each, 20c; 6 for 90c; 12 for \$1.70.



MADONNA. A white peony-flowered dahlia of decidedly original form, the petals curling and twisting in a way that adds much to the beauty of the bloom. The flowers are carried on long graceful stems of wiry stiffness. Each, 35c; 6 for \$1.75; 12 for \$3.25.

FRANK WALKER. A Gigantic New Decorative. In color a charming shade of deep lavender pink. Free flowering. Each, 25c; 6 for \$1.25; 12 for \$2.35.

MAUDE ADAMS. An ideal show dahlia and the most free flowering variety we have ever seen. The plants are covered with long stemmed flowers, large, and of perfect ball shape, inner petals creamy white, shading to an exquisite pink at the outer edge. Each 35c; 6 for \$1.75; 12 for \$3.10.

MELODY. High center of canary yellow with reflexed outer petals. One of the best yellows for cutting. Each, 20c; 6 for 90c; 12 for \$1.70.

DAHLIA GROWER'S COLLECTION NO. 16.

We offer one separate labeled division of each of the varieties we list, or 27 roots in all, for only \$6.00, postpaid. At regular prices these would cost you \$7.45.

CACTUS DAHLIAS.

The flowers of Cactus Dahlias are loosely and artistically formed, with long, twisted, interlacing petals, reminding one of chrysanthemums.

FRED COBOLD. An English cactus variety, moderately incurved,—see illustration. The rich fiery scarlet flowers are carried well above the foliage. Each, 30c; 6 for \$1.65; 12 for \$3.10.

FLAME. A most reliable cactus sort, one that can be depended upon to bloom freely. Irregular, curving petals; in color, rose blended with salmon. Each, 30c; 6 for \$1.65; 12 for \$3.10.

ELLA KRAMER. Creamy pink. Center deepening toward petal ends to brightest rose pink. A pretty dahlia and a great bloomer. Slightly incurved. Each, 25c; 6 for \$1.25; 12 for \$2.35.

PERLE DE LYON. Fringed and nicked petals giving a unique appearance to the flower. Recommended for cutting. Each, 25c; 6 for \$1.25; 12 for \$2.35.

J. H. JACKSON. An exceptionally satisfactory dahlia, fine for massing or for cut flowers. Gigantic blooms of the straight petalled type, holding up well in water. In color it is a velvety maroon black. Each, 25c; 6 for \$1.25; 12 for \$2.35.

CACTUS DAHLIA COLLECTION NO. 17.

We offer one division each of the above five varieties for \$1.00, postpaid. At regular prices these would cost you \$1.35. For \$2.75 we will send, postpaid, three divisions each of the above kinds, or fifteen roots in all.

SPECIAL. With every order of \$5.00 or more for Gladiolus Bulbs or Dahlia Roots, we will give free of charge on request, one root of Floral Jewel Dahlia, crimson, marked and tipped with white.



MINA BURGLE. Rich growing scarlet flowers of immense size carried on long stems. Unexcelled for cutting and the finest red decorative dahlia ever introduced. Extremely free blooming, as many as thirty perfect flowers often being open on one plant at one time. Next to A. D. Lavoni it is our largest seller. Each 25c; 6 for \$1.25; 12 for \$2.25; 25 for \$4.00.

STORM KING. The most reliable white show dahlia to date. Blooms are often six inches in diameter. Each, 20c; 6 for 90c; 12 for \$1.70.



Fred Cobbold. 30c each.

THE CANNA.

Most popular of all tuberous plants for brilliant bedding and massing. We offer strong root divisions.

FIREBIRD. The flowers, of intense cardinal red, are often seven inches across. Blooms early and freely. Foliage, rich green. Height, four feet. Each, 17c; 6 for 85c; 12 for \$1.65.

GUSTAVE GOMPPER. Immense flowers of clear golden yellow. In size, shape, and season a good companion to Firebird. Each, 14c; 6 for 70c; 12 for \$1.35.

HUNGARIA. Large flowers of purest satiny pink. Compact green foliage, 3 feet. Each, 15c; 6 for 80c; 12 for \$1.45.

EUREKA. The finest white canna, a contrast with the scarlet sorts. 4 feet. Each, 15c; 6 for 80c; 12 for \$1.45.

RED KING HUMBERT. Orange scarlet, marked crimson. Luxuriant chocolate colored foliage. Each 12c; 6 for 60c; 12 for \$1.15.

DAVID HARUM. Bronze foliage and vermilion flowers. About the freest blooming canna. 3½ feet. Each, 10c; 6 for 55c; 12 for 95c.

YELLOW KING HUMBERT. Canary yellow, dotted crimson. Each, 14c; 6 for 70c; 12 for \$1.35.

COLLECTION NO. 21. CANNA BED. 7 feet across,—19 plants. We will send 1 Firebird, 6 Yellow King Humbert, and 12 David Harum for only \$1.75, postpaid.

THE TUBEROSE.

The sweetest scented flower that grows and altogether one of the most charming summer bulbs. Easily grown.

DWARF PEARL. Large, double wax-like flowers of purest white and orange-blossom fragrance. Each, 10c; 6 for 45c; 12 for 80c; 50 for \$2.50, postpaid.

MEXICAN. Snow white single flowers, delightfully fragrant. Begins to bloom much earlier than the Dwarf Pearl. Each, 8c; 6 for 40c; 12 for 75c; 50 for \$2.35, postpaid.

CINNAMON VINE.

A quick growing, hardy climber, with glossy heart-shaped leaves and fragrant flowers. For best effect, plant in groups of three. 3 for 20c; 12 for 55c; 25 for \$1.00, postpaid.

HARDY FLOWERING PLANTS

The kind that live over from year to year. The plants we offer are extra large and strong and should bloom the first season. Price, unless otherwise given, 20c each; 3 for 55c; 12 for \$1.75, postpaid.

HOLLYHOCK. A favorite old-fashioned flower. Single mixed in a good range of colors.

GAILLARDIA. Showy, long stemmed flowers of crimson, yellow, and maroon. Fine for borders and always in bloom.

FALSE DRAGON HEAD. Forms big clumps bearing long spikes of delicate lavender pink flowers.

COREOPSIS. Golden yellow single flowers. Effective in borders or for cutting. Almost everblooming.

HARDY CLOVE PINKS. Sweet-scented, mixed colors.

CANTERBURY BELLS. Great pillars of bloom in rose-pink, blue, and white. Mixed colors only. See illustration. Each, 25c; 3 for 70c; 12 for \$2.25.

AQUILEGIA (Honey-suckle or Columbine). Delicately tinted swaying blossoms in blended shades of blue, mauve, cream, pink, red, and yellow. Mixed colors only. Each, 25c; 3 for 70c; 12 for \$2.25.

DELPHINIUM (Hardy Larkspur). Tall spikes of bloom. We offer two sorts, Belladonna, sky blue, and Formosum, the old-time dark blue with white center. Each, 30c; 3 for 80c; 12 for \$2.75.

PINK MEADOW SWEET (Herbaceous Spirea). Erect spikes of graceful feathery bloom. Each, 30c; 3 for 85c.

TAWNY DAY LILY. July. Coppery orange. Good for cutting. Each, 25c; 3 for 70c; 12 for \$2.25.

LEMON DAY LILY. June. Clear lemon yellow. Sweet-scented and attractive. Each, 35c; 3 for 70c.

GIANT DAISY. Large snow-white daisy-like flowers. Free blooming and fine for cutting. Hardier and better than Shasta. Each, 30c; 3 for 85c.

HIBISCUS OR GIANT MALLOW. Pink, white and crimson flowers of immense size, often over six inches in diameter. Entirely hardy, blooming from early July until late fall. Mixed colors only. Each, 30c; 3 for 85c.

LILY OF THE VALLEY. Sprays of drooping waxy-white fragrant bells. 12 for \$2.35. It succeeds in the open ground in any situation but prefers shade. Once established the crowns increase yearly. We offer large clumps. Each, 30c; 3 for 85c; 12 for \$2.75.

COLLECTION NO. 24. OLD FASHIONED GARDEN. We will send 3 Lilies of the Valley, 6 Mixed Hollyhocks, 2 Hardy Larkspurs, 3 Columbines, 3 Sweet Williams, and 3 Foxgloves or 20 plants in all for only \$4.00, postpaid. The flowers of the hardy garden have a charm and distinction that is almost personal.



Canterbury Bells. 3 for 70c.

VEGETABLE PLANTS

Why bother to grow your own when you can get well-rooted stocky plants from us at such low cost. Our plants carry well by mail. We pack in strong containers, roots in damp moss. Remember, we pay the postage.

CABBAGE. April, May and June delivery. Early Jersey Wakefield, Copenhagen Market, Late Flat Dutch, Late Danish Ballhead, Red Dutch. Doz., 20c; 50 for 55c; 100 for \$1.00; 500 for \$3.00.

CAULIFLOWER. Transplanted. Snowball, (early), Dryweather (late). Doz., 35c; 50 for \$1.10; 500 for \$6.00.

CELERY. Transplanted. Golden Self Blanching (early). Winter Queen (late). Doz., 25c; 50 for 75c; 500 for \$3.75.

GROUND CHERRY. An annual fruit for canning and home use. Doz., 35c; 50 for \$1.10.

EGG PLANT. Transplanted. Ready in May and June. Black Beauty. Doz., 40c; 50 for \$1.25.

PEPPER. Neapolitan, early mild; Chinese Giant, largest and sweetest; Red Cluster, hot. Doz., 35c; 50 for \$1.10.

TOMATO. Transplanted. May and June. Earliana, very early; Chalk's Jewel, best early, smooth and solid; Matchless, main crop; Golden Beauty, for slicing; Ponderosa, largest; Red Preserving. Doz., 35c; 50 for \$1.10.

SWEET POTATO PLANTS. You can grow good sweet potatoes in Wisconsin. Doz., 25c; 50 for 80c.

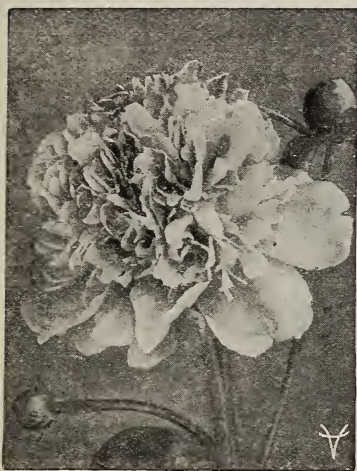
HORSE RADISH. Good sets that will grow into big roots in one season. Doz., 20c; 100 for \$1.00.

RHUBARB. Strong roots, grown on our own farm. 15c each; 3 for 35c; 12 for \$1.00.

If you use plants in quantity, write us for quotations.

THE PEONY.

In Japan they call it "The King of Flowers" and the splendor of its massively formed and richly colored blossoms would seem to justify the title. Hardy as an oak, doing equally well in sun or partial shade, it is worth growing for its wealth of ornamental foliage alone. The plants we offer are extra large divisions of three to five eyes each and will usually bloom the first spring. Remember you need not send any money for postage. We pay that for you.



Livingstone Peony.



Felix Crousse Peony.

LIVINGSTONE. Large compact flowers, in color, pale lilac rose with silver tipped petals and sometimes a touch of carmine in the center. Very strong, medium height, free bloomer. Extra good in every way. Each, 75c; 3 for \$1.90.

FELIX CROUSSE. Rich, even ruby red, one of the few red peonies showing no trace of purple or violet. Blooms in clusters. Probably the best red. Each, 80c; 3 for \$2.10.

OSHKOSH WHITE. A fine large white, mid-season and exceedingly free-flowering. Each, 75c; 3 for \$1.90.

MAJOR ANDREE. Brilliant cerise, an unusual shade in peonies. Long blooms on tall, strong plants. Each, 60c; 3 for \$1.65.

MONSIEUR DUPONT. Ivory white with a touch of primrose at base of the crimson tipped center petals. Very large sweet-scented flowers of ruse type. Late. A fine peony. Each, 85c; 3 for \$2.35.

EDULIS SUPERBA. Bright mauve pink and lilac. Crown type, with large tuft of wide petals surrounding a few narrow petals in the extreme center of the bloom. Fragrant, extra early, and free blooming with strong flower stems. Each, 75c; 3 for \$1.90.

COLLECTION NO. 19. We will send one each of the above six varieties for only \$4.00, postpaid.

PLEASE NOTE. Peonies should be planted either early in the spring or in the fall. All orders received before April 25th will be shipped at once or when weather permits digging. Orders received after that date will be held and sent out September 1st.

THE GARDEN IRIS.

Irises are all sun lovers although they will do very well in the shade. They succeed on any well-drained soil and are among the hardiest of garden perennials.

MADAM CHEREAU. The stately, pure white flowers are bordered and laced with brightest blue. Each, 20c; 3 for 55c; 12 for \$1.85.

RHEIN NIXE. A charming iris. Rich raspberry purple and white. Each, 40c; 3 for \$1.00; 12 for \$3.35.

SILVER KING. Nearly pure white. Early. Each, 25c; 3 for 70c.

OTHELLO. Standards, indigo blue; falls, deep velvety purple. Each, 20c; 3 for 55c; 12 for \$1.85.

LOHENGRIN. A rare and attractive shade of mauve pink, blending well with Silver King when the two are cut together. Each, 40c; 3 for \$1.00.

HONORABILIS. Golden yellow and rich mahogany brown. Each, 20c; 3 for 55c; 12 for \$1.85.

COLLECTION NO. 20. Iris Garden. For \$4.00 we will send, prepaid, three each of the above six varieties or eighteen roots in all.

HARDY PHLOX.

For brilliant border effects during July and August, the Hardy Phloxes are indispensable.

R. P. STRUTHERS. Cherry red suffused salmon. Darker eye. Fine large truss. Each, 30c; 3 for 80c.

MISS LINGARD. Pure snowy white with faint lilac eye. Free flowering and fine for massing. Each, 30c; 3 for 80c.

ELIZABETH CAMPBELL. One of the better sorts. Bright salmon shading to deep rose pink. Extra large and extra fine in every way. Each, 30c; 3 for 80c.

TWILIGHT (Crepuscle). White, tinged with violet and shading to carmine purple at the center. Each, 25c; 3 for 70c.

PEACH BLOW. White, with pink center. Each, 25c; 3 for 70c.

COLLECTION NO. 21. Phlox Garden. One each of the above five phloxes for only \$1.15, postpaid.

GOLDEN GLOW.

Golden yellow double dahlia-like flowers borne in greatest profusion on plants six to eight feet tall. Hardy. Plant it in quantity. 3 for 40c; 12 for \$1.35, postpaid.

BUTTERFLY BUSH.

A deciduous shrub dying back to the ground each winter but growing up very rapidly from the roots in the spring. Starts blooming in July and bears long tapering spikes of lilac colored flowers until frost. Exceedingly beautiful. Pot-grown plants, 30c each; 3 for 75c; 12 for \$2.40, postpaid.

HARDY DOUBLE CHRYSANTHEMUMS.

Garden chrysanthemums give a wealth of bloom in the late fall when most other out-door flowers are past. Price, any variety or assorted, each, 25c; 3 for 70c; 12 for \$2.25.

ETNA RED. A most striking and attractive shade of clear flame red with a gleam of salmon.

OLD GOLD. A good yellow with darker shadings. A favorite color in chrysanthemums and valuable for either garden display or cutting.

ROSE LAVENDER. Large fluffy flowers of blended lavender and rose. We have counted over 60 blooms open on one plant at the same time.



Irises—Mme. Chereau, Othello and Silver King.

GREENHOUSE AND BEDDING PLANTS

FOR THE WINDOW, GARDEN OR OUT-DOOR BORDER. Prices include postage.



FLOWERING BEGONIAS.

Price, each, 30c; 3 for 80c; 12 for \$2.75.

LUMINOSA. Bright cherry flowers, bronze foliage. Wonderfully free flowering. See illustration above.

THURSTONIL. Shell-pink flowers and red leaves.

FOLIAGE BEGONIAS. Rex. Rich, metallic shades of silver and bronze. Price, each, 40c; 3 for \$1.10.

BASKET PLANTS.

Trailing plants for hanging baskets and window boxes. Price, each, 25c; 3 for 65c; 12 for \$2.25.

VINCA VINE. Glossy green leaves, margined cream.

FIRE CRACKER PLANT. The arching growth is literally covered with flaming coral-red flowers.

STRAWBERRY GERANIUM. Striped foliage, trailing runners, white flowers. A handsome plant.

TRAILING COLEUS. Cherry red leaves edged green.

WEeping LANTANA. Rosy lilac flowers.

TRAILING FUCHSIA. Scarlet drooping flowers.

FUCHSIA.

Price, each, 25c; 3 for 65c; 12 for \$2.25.

LUSTRE. Double; soft deep red.

SPECIOSA. Pink and carmine; free flowering.

AVALANCHE. Golden foliage; double violet flowers.

AURORA BOREALIS. Giant flowering rose pink with darker corolla. Extra fine.

WAVE OF LIFE. Darkest purple flowers.

NEW CARNATIONS.

Price, each, 25c; 3 for 65c; 12 for \$2.25.

ENCHANTRESS. Large clear pink flowers on strong stems. One of the easiest to grow.

MATCHLESS. Pure white, graceful and fragrant.

THE HERALD. Brightest vermilion red.

C. W. WARD. Light salmon rose.

BENORA. White delicately penciled with crimson.

SWEET VIOLETS.

Price, each, 25c; 3 for 65c; 12 for \$2.25.

SWANLEY WHITE. Double, white. Large and sweet.

MARIE LOUISE. Double, dark blue. Very fragrant.

COLEUS FOR BEDDING.

Price, each, 20c; 3 for 45c; 12 for \$1.50.

FIRE BRAND. Brilliant glowing fire red.

YELLOW BIRD. Golden yellow.

NERO. Very deep maroon, nearly black.

RETTA KIRKPATRICK. Bright green, white center.

SETTING SUN. Crimson with golden edge.

COLLECTION NO. 24. Coleus Bed. 4 feet across, 37 plants assorted, our choice, for \$3.00 postpaid.



DECORATIVE FERNS.

Price, each, 30c; 3 for 80c.

GOLD MEDAL. The ostrich plume fern.

THE BOSTON. Graceful drooping fronds.

ROOSEVELT. Dense massive fronds, erect in growth.

ASPARAGUS PLUMOSUS. The lace fern.

DISH FERNS.

Price, each, 25c; 3 for 65c; 12 for \$2.25.

CRESTED FERN. Green leaves peculiarly crested.

STRIPED SILVER. A pretty variegated sort.

MAIDEN HAIR. Tasseled fronds.

GERANIUMS.

Price, each, 25c; 3 for 65c; 12 for \$2.25.

S. A. NUTT. Rich, dark crimson; always in bloom. An excellent bedder and a perfect pot plant. Double.

JEAN VIAUD. Rosy pink with white center.

LA FAVORITE. Double flowers of purest white.

MRS. LAWRENCE. A wonderful shade of satiny salmon pink. Free flowering. Double.

ALPHONSE RICARD. Brilliant orange red; semi-double.

SPECIAL OFFER. One each of above five sorts for \$1.00, postpaid.

HAPPY THOUGHT. Dark green foliage with creamy white center bordered bronze. Single scarlet flowers.

GOLDEN TRICOLOR. Bronze-zoned leaves belted with crimson and edged yellow. Orange-red flowers.

MME. SALLEROL. Green foliage edged white. Single pink blossoms.

NOVELTY GERANIUM BRUNETTA. A large flowering, incessant blooming geranium of a new color, light violet or plum. Double. Bushy plants. Price, each, 40c; 3 for \$1.10.

INDOOR CHRYSANTHEMUMS.

Price, each, 25c; 3 for 65c; 12 for \$2.25.

COL. D. APPLETON. Incurved rich yellow.

OCONTO. White, large-flowered, extra fine.

EDWARD SEIDWITZ. Very large, rose pink. Early.

HARVARD. Brilliant crimson of the plume type, petals reflexed. Bright and showy.

BLACK HAWK. Velvety crimson shaded rich brown. Plume type flower.

OLEANDER. Handsome plants for tub or pot culture in house, veranda or yard. Can be wintered in cellar. Pink or red. Each, 30c; 3 for 85c.

ANNUAL FLOWERING PLANTS.

Postpaid price, any variety. Doz., 35c; 50 for \$1.10. Our carefully packed plants carry well by mail.

ASTER. Royal Mixed. A fine early flowered sort especially valuable for bedding.

ASTER, Olds' Branching. Mixed colors, long stemmed. The finest aster for cutting.

SALVIA. Scarlet. A brilliant bedding flower.

PETUNIA. Large Flowered Ruffled. Mixed colors.

PETUNIA. Pink Flowered. For window boxes.

ANTIRRHINIUM. Dwarf Mixed Snapdragon.

ZINNIA. Grant Flowered Mixed.

VERBENA. Mixed Colors. Fine for bedding.

ROSES, HARDY VINES, ANNUAL PLANTS



THE ROSE

Queen of Flowers. Price, unless otherwise given, each, 35c; 3 for 85c; 12 for \$2.75. Larger plants (2 year old), each, 65c; 3 for \$1.80; 12 for \$6.35.

THE HARDIEST ROSES.

A vigorous class needing little protection.

GLOIRE DE LYONNAISE. Pale chamois or salmon yellow, deepest at center and passing to soft creamy white tinted with orange and fawn.

GEN. JACQUEMINOT. A magnificent hardy crimson rose, the standard of perfection in this color.

WHITE AMERICAN BEAUTY. The finest white rose grown. Splendid long buds and wax-like snowy petals.

PAUL NEYRON. Massive fragrant flowers, the largest of all roses. Color, clear pink. Blooms first season and all the season. Nearly thornless.

COLLECTION NO. 11.

One each of above four finest hardy roses in the larger size for \$2.00, postpaid.

BLACK PRINCE. Rich dark velvety crimson, almost black. Intensely perfumed.

CAPRICE. Satiny pink, striped carmine.

HYBRID TEA ROSES.

Hardy with protection. Everblooming.

THE BURBANK. Brightest cherry pink.

SUNBURST. Golden yellow and coppery orange.

RADIANCE. Clearest rose-pink.

RED RADIANCE. Pure even unfading red.

MADISON. Creamy white. Long pointed buds.

OPHELIA. Brilliant salmon shading to rose. One of the most fragrant and the very finest for cutting.

CLIMBING ROSES.

These are the easiest of all roses to grow and nothing has greater charm than the rose-embowered porch or cottage. We offer only hardy out-door grown two-year-old bushes at 65c each; 3 for \$1.80; 12 for \$6.35.

CRIMSON RAMBLER. Great clusters of crimson flowers.

PINK RAMBLER. (Dorothy Perkins). Very double shell-pink flowers, with reflexed and crinkled petals. See illustration above.

BLUE RAMBLER. Metallic blue flowers carried gracefully in great clusters.

YELLOW RAMBLER (Shower O'Gold). Free blooming, golden yellow, shaded orange.

MEMORIAL ROSE. A free-flowering single rose, pure white with golden center. The dark glossy leaves are almost evergreen. Makes a good trailer, covering banks and graves as closely as an ivy or it may be used for trellis work.

DR. VAN FLEET. A climbing rose, not cluster flowered, that surpasses for cutting most of the bush varieties. Four inch double flowers with cupped petals. Flesh pink, shading darker toward center. Delicately perfumed.

COLLECTION NO. 12.

We will send one each of the four rambler roses, crimson, pink, blue, and yellow, two year old stock, for \$1.75, postpaid. Cover your porch with roses. See Page 77 for Hardy Shrubs.

HARDY VINES.

Price, each 45c; 3 for \$1.15; 12 for \$4.35.

CLEMATIS PANICULATA. The sweetest scented clematis and the easiest to grow. During August and September the creamy white flowers are borne in masses completely covering the vine.

SCARLET HONEYSUCKLE. Bluish green foliage and bright vermilion trumpet shaped flowers. Free blooming.

BOSTON IVY. A splendid close growing vine clinging to the smoothest surfaces without artificial support.

VIRGINIA CREEPER. A hardy rapid growing climber with luxuriant foliage which changes in Autumn to brilliant orange and crimson.



SWEET POTATO PLANTS.

Grow your own Sweet Potatoes. They need little attention and the yield from a few plants will surprise you. Our sales of these plants are increasing wonderfully as more and more of our customers try them and find that they can grow them here in the North with good success. We offer plants of the Yellow Jersey; dry sweet type, and Red Bermuda, rich moist type. Either variety. Doz., 25c; 50 for 80c; 100 for \$1.50, postpaid.

FLOWER BED COLLECTION NO. 14.

We offer 36 fine mixed Aster plants, 12 Salvia plants, and 24 plants each of Petunia, Verbena, and Zinnia; ten dozen plants in all, for \$2.50, postpaid. These are sturdy little plants that will carry well by mail and start growing quickly.

SHADE TREES.

We have added shade trees for lawn or street planting to our list and can supply strong 6 to 8 foot specimens of Sugar Maple, White Elm, Linden, Box Elder, Carolina Poplar and Mountain Ash at \$1.50 each, 3 for \$3.90. This is by express, purchaser paying charges.

NURSERY DEPARTMENT, Fruit

Our nursery stock is northern grown,—hardy and dependable.

We guarantee that our trees and plants will be true to name and that they will arrive safely and in a condition to grow if properly planted and cared for. Further than this our guarantee does not extend and we can in no instance be responsible for more than the amount paid. Fruit trees go by express or freight at customers' expense. They are too large to mail. Strawberry plants are shipped direct from Madison and most other fruit plants and trees from our outside nursery in southern Wisconsin. Please note that we can furnish five trees at the price per ten only when they are all one variety and this applies to quantity prices of other fruits as well.



Opata Plum.

PLUMS.

3 to 4 foot trees; 80c each; 10 for \$7.50; 100 for \$70.00.

OPATA. The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower, bearing heavily one year after it is planted. Illustration above shows a typical fruiting branch. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and very small pit. Freestone.

SAPA. A dwarf plum, companion to Opata.

WANETA. The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple plum a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and rich sweet flavor. Absolutely hardy.

DE SOTO. Red and yellow fruit. Solid and sweet. Tree is entirely hardy.

FOREST GARDEN. Large purple-red fruits, exceedingly juicy. Hardy.

BLUE LOMBARD. The leading European sort.

GREEN GAGE. The standard of perfection in plums, rich and sugary, not quite hardy.

RED JUNE. Vermilion red plum of excellent quality. A new variety from Japan.

APPLES.

Start a new orchard this year.

PRICES, all varieties, by express or freight, 4 to 6 foot trees: 60c each; 10 for \$5.50; 100 for \$50.00.

SUMMER VARIETIES.

YELLOW TRANSPARENT. An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

LOWLAND RASPBERRY. August. A medium sized apple of clear white shaded with crimson. Juicy, sub-acid flesh, almost sweet. A home orchard apple.

DUCHESS OF OLDENBURG. A large and beautiful apple ripening in late August and early September. Yellow and red streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early.

GOLDEN SWEET. A good early sweet sort.

AUTUMN VARIETIES.

WEALTHY. The one fall apple with a perfect score as regards dessert, cooking and market quality in contests of the Wisconsin Horticultural Society. Round fruits of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

McMAHON. A large white apple with blush cheek. Tender, good flavored, rather tart flesh, not firm enough for shipping. Very hardy.

WOLF RIVER. The largest apple grown. Greenish yellow shaded red. Pleasant flavor for eating out of hand or cooking but a little coarse in texture.

LONGFIELD. One of the hardiest apples. Blush white, medium size fruit with a brisk sub-acid flavor.

WINTER APPLES.

SNOW. An early winter apple of medium size and dark red color. The flesh is purest snowy white, juicy and aromatic with a rich yet sprightly vinous flavor. The standard of quality in dessert apples.

NORTHWESTERN GREENING. A large apple, deep yellow when fully ripe. Trees are heavy bearers and have withstood fifty degrees below zero. An excellent keeper. Not of the very highest quality but a good apple for cooking or eating out of hand.

HIBERNAL. The hardest of all apples. Large showy red-striped fruit. Very good when cooked.

TALMAN SWEET. Yellow fruit tinged red. Flesh firm, rich, and very sweet; November to April.

McINTOSH. A medium-sized dark red apple of excellent quality. Tree is vigorous and hardy. Originated in Canada.

SCOTT'S WINTER. Red striped fruits of good quality remaining fresh until May.

GOLDEN RUSSET. The very best of the russets, tender, juicy, and high-flavored. A heavy bearer.

JONATHAN. Medium sized yellow fruits striped with bright red. In flavor it is almost as good as the Snow apple and more juicy.

WINTER BANANA. A handsome golden yellow apple, apparently hardy in Wisconsin but not advised for commercial planting. The light yellow flesh is firm, fine grained, and juicy with a rich spicy flavor.

CRAB APPLES.

HYSLOP. Dark red; for cooking.

TRANSCENDENT. A red and yellow Siberian.

WHITNEY. Green, splashed carmine. For eating.

CHERRIES.

3 to four feet; 80c each; 10 for \$7.50; 100 for \$70.00.

EARLY RICHMOND. An early and annual bearer. Very hardy. Light red, juicy, tart.

MONTMORENCY. Dark crimson, late, hardy. Fruit very juicy, yet solid and rich flavored. Extra good.

NAPOLEON. Yellow blush sweet cherry. Not quite hardy.

PEACHES.

ELBERTA. This sort does well in southern Wisconsin in protected situations or anywhere when the trees are planted at an angle and laid down and covered in winter. Price each, 50c; 10 for \$4.50.

PEARS.

4 to 6 foot trees: \$1.00 each; 10 for \$9.50; 100, \$90.00.

BARTLETT. A high-flavored sweet buttery pear and a heavy yielder. One of the better sorts for either dessert use or canning. Large fruit.

SECKEL. A small pear, golden brown with red cheek. Fine grained melting flesh, sweet and exceedingly juicy.

ANJOU. A very good late fall and winter sort.

KIEFFER. A large handsome pear doing well under adverse conditions. A good cooking variety, not recommended for eating out of hand.

DWARF PEARS. These take up little room and begin to bear almost at once. We can supply 3 to 4 foot dwarfed trees of all the above except Keiffer at \$1.00 each, 10 for \$9.50.



Everbearing Strawberries in October.

BLACKBERRIES.

The latest berry, beginning to ripen as the raspberries cease bearing.

EL DORADO. This sort is so much the best, at least for the north, that we now list no other. Vigorous vines, extremely hardy, bearing many clusters of great jet black berries, sweet, juicy and luscious with tender melting cores. By mail: 25c each; 10 for \$1.25; 100 for \$8.00. By express: 10 for \$1.10; 100 for \$7.50.

RASPBERRIES.

By mail: 25c each; 10 for \$1.25; 100 for \$8.00. By express: 20c each; 10 for \$1.10; 100 for \$7.50.

CUTHBERT. An old variety enduring the coldest winters. The large berries are deep crimson in color and of exceedingly rich, sweet flavor. Robust plants, producing heavily.

GOLDEN QUEEN. Golden yellow berries, even sweeter than Cuthbert and just as hardy.

COLUMBIAN. Very large purple berries of sweet sprightly flavor. An enormous yielder and a strong rampant grower.

KANSAS. An early black raspberry, firm and sweet.

ST. REGIS. A true everbearing red raspberry, yielding fruit from June until frost. The berries are of large size, rich and sugary, with full raspberry flavor. Entirely hardy and a proved success in Wisconsin.

CURRENTS.

By mail: 40c each; 10 for \$3.50; 100 for \$30.00. By express: 35c each; 10 for \$3.25; 100 for \$27.00.

PERFECTION. A large red currant of good quality.

BLACK VICTORIA. The biggest black sort. Aromatic and sweet.

WHITE GRAPE. A very mild sweet currant.

RED CROSS. An extra large and extra sweet currant of especial value for eating out of hand. Easy to pick, the branches drooping beneath their weight of pendant clusters. If you have known only the seedy, rather acid currants ordinarily grown you will hardly recognize the rich flavored, sugary, yet mildly sub-acid and seedless berries of the Red Cross variety as belonging to the same class of fruits. Let us quote you on them in quantity for market planting. The fruit is always in good demand at profitable prices. Strong two-year bushes, see price above. We have also a limited number of four and five year old bushes in full bearing which we offer at 75c each by mail. By express: 70c each; 10 for \$6.00.

GOOSEBERRIES.

By mail: 40c each; 10 for \$3.50. By express: 35c each; 10 for \$3.25; 100 for \$27.00.

DOWNING. Strong, healthy bushes bearing large oval pale green fruits of splendid quality.

HOUGHTON. Light red fruits, tender and sweet.

STRAWBERRIES.

PRICES, except Everbearing, by mail, postpaid: 25 for 50c; 100 for \$1.50; 1,000 for \$9.00. By express, not prepaid: 25 for 45c; 100 for \$1.40; 1,000 for \$8.50. Cultural leaflet, free on request. Our strawberries are all perfect flowering and will give good crops planted alone.

SENATOR DUNLAP. A splendid home garden sort, responding to care and fertility with the biggest of fruit in enormous quantities and even under neglect yielding a fair crop of medium sized berries. The fruits are dark glossy red to the heart, firm, solid and sweet.

OSARK. An extremely early strawberry of good size and flavor, not at all tart as are so many of the other earlies.

COMMONWEALTH. The big late. Very large, sugary, deep red berries with a peculiarly pleasing aromatic flavor.

EVERBEARING STRAWBERRIES. The fall-bearing strawberries have come to stay. They are a proved success and just the fruit for the home garden. Planted in April they will begin bearing by August, yielding the finest of fruit until November. Next June, when the usual strawberry season comes, they will again give a heavy crop. They yield more fruit than the common strawberry and at a more desirable time. Put out a patch of the Everbearers and you can have shortcake made with the fresh strawberries in November. We offer two varieties.

SUPERB. Extra large fruit of deep glossy red. A vigorous grower.

PROGRESSIVE. An exceedingly productive variety of rare flavor. Thrifty plants making many runners.

PRICES, either sort by mail; 25 for \$1.00; 100 for \$3.65. By express: 25 for 90c; 100 for \$3.50; 1,000 for \$30.00.

GRAPES.

PRICES, by mail: 40c each; 10 for \$3.10; 100 for \$26.00. By express: 35c each; 10 for \$2.90; 100 for \$25.00.

CONCORD. The old standard purple grape, doing well everywhere. A heavy yielder.

WORDEN. An improved Concord, sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

DIAMOND. A leading early grape, white with rich yellow tinge; juicy; few seeds, almost free from pulp; excellent quality.

BRIGHTON. A bright red grape of large size, exceedingly juicy. Sweet sprightly flavor.

DELAWARE. An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

BETA. The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium-sized jet black berries in good bunches, juicy and of fair quality. Excellent for grape juice, jellies, etc. Of iron-clad hardiness.

BOOK, POPULAR FRUIT GROWING. A complete Fruit Growers' guide covering tree fruits, nut trees, grapes and berries. 300 pages. 120 illustrations, paper covers. 75c, postpaid.

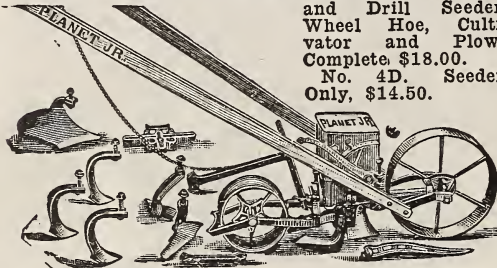
Planet Jr. Garden Tools

The New "Planet Jr." Catalogue is the hand-somest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

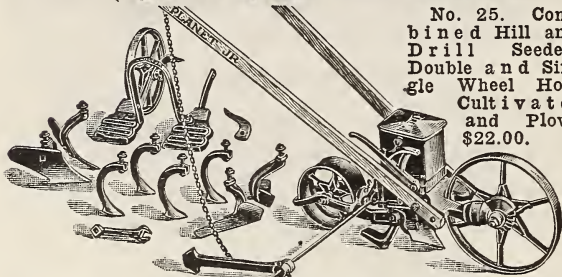
Planet Jr. tools are the greatest time, labor, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops. Fully guaranteed. Prices are further reduced for 1923.

PLANET JR. SEEDERS.

- No. 4. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow; Complete \$18.00.
No. 4D. Seeder Only, \$14.50.



- No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$22.00.



- No. 31. Combined Drill Seeder and Wheel Hoe (as shown in cut) \$12.50.

- No. 31D. Drill Seeder Only, \$10.00.



- No. 35. Seeder Attachment. A most satisfactory seeder for the small garden and up to the Planet Jr. standard in every way. With one bolt it fastens to any Planet Jr. Wheel Hoe or Garden Plow or you can bolt a home made handle to the bracket on the rear of the hopper and go ahead. With the hopper, set the seed index lever at the seed you are going to sow and start. Price, as shown in cut, \$6.00. With handle, \$6.50.

MIDGET SEEDER. A popular little seeder similar to the above but not a Planet Jr. Price, with handle, \$4.50.

PLANET JR. HORSE MACHINES.

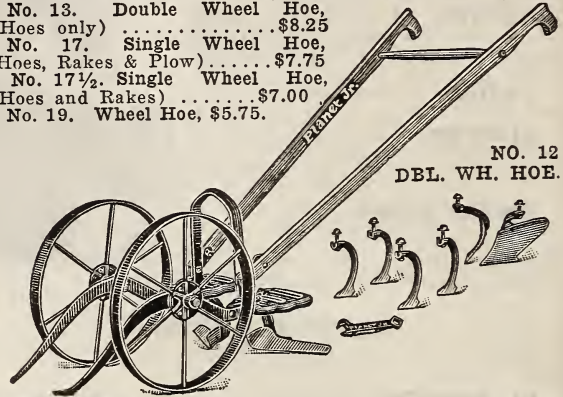
- No. 8 Combined Horse Hoe & Cultivator. Widely known as a perfect horse machine. As shown below.....\$17.50
No. 9 Combined Horse Hoe & Cultivator.....\$15.50
No. 82 Combined Horse Hoe & Cultivator (Seven-tooth instead of five. New popular machine).....\$17.00
No. 100 Plain Cultivator with Wheel.....\$9.50
No. 101 Plain Cultivator with Wheel.....\$11.25
No. 107 Seven Tooth Plain Cultivator.....\$13.50
No. 91 Twelve-Tooth Harrow.....\$13.50



NO. 8 PLANET JR. HORSE HOE.

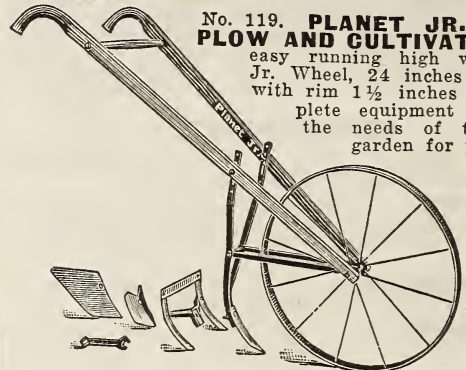
PLANET JR. WHEEL HOES.

- No. 12. Double Wheel Hoe, Cultivator and Plow..\$11.50
No. 13. Double Wheel Hoe, (Hoes only).....\$8.25
No. 17. Single Wheel Hoe, (Hoes, Rakes & Plow).....\$7.75
No. 17½. Single Wheel Hoe, (Hoes and Rakes).....\$7.00
No. 19. Wheel Hoe, \$5.75.

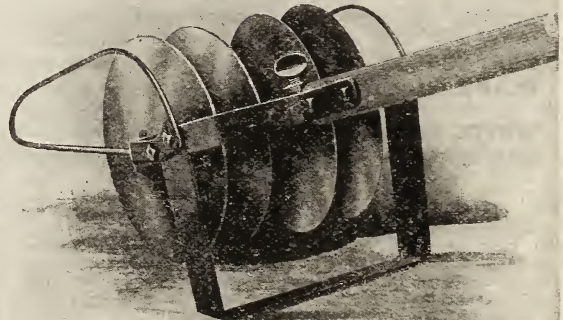


NO. 12 DBL. WH. HOE.

- No. 119. **PLANET JR. GARDEN PLOW AND CULTIVATOR.** A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, fur-



rowing, covering, cultivating deep or shallow, hoeing, hill-ing. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$5.00.



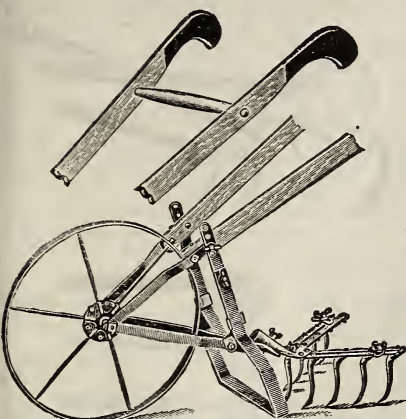
PERFECTION GARDEN CULTIVATOR.

Perfection at last. This New Disc and Knife Weeder and Mulcher is the final evolution in hand cultivators. It does the weed killing, cultivating and mulching at one process. The stiff wire leaf guards keep the tops away.

Made in three sizes, as follows:

- No. 1—6-inch, for lettuce.....\$4.00
No. 2—8½ inch, the standard size.....\$5.00
No. 3—11 inch, for rows 14 inches apart and over \$5.50

The **PULL-EASY** Adjustable Garden Cultivators



No. 2 Pull Easy Wheel Cultivator.



NO. 2 PULL EASY WHEEL CULTIVATOR.

Instantly adjustable for cultivating rows of any width.

The cultivator can be quickly detached, put on a hoe and used as a hand tool. Price, \$3.55.

NO. 5 PULL EASY WHEEL CULTIVATOR.

The same as No. 2 as shown in the illustration except 5 teeth instead of 9. Price, \$3.35.

NO. 1 PULL EASY JUNIOR CULTIVATOR.

Short 10-inch handle for careful close work in flower beds or around bushes and low-spreading plants. Adjustable from 2 to 6 inches. Price, 50c; by mail, 60c.

NO. 4 PULL EASY JUNIOR CULTIVATOR.

The same as No. 2 but with a 4 foot handle. Price, 65c.

FEENEY DUST GUN.

The Best Duster Made.

For applying Bug Death, Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves.

Price, \$1.00; by mail, \$1.10.

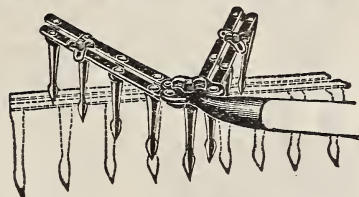
BAYLIS SEED TREATING MACHINE.

A new machine for conveniently and effectively treating seed grain for smut, inoculating legumes, applying solution to corn to prevent damage from birds, gophers, etc.

Government estimates over 113 million bushels wheat and oats destroyed by smut in one year.

Every farmer needs this machine. No spreading, mixing or drying on floor. The treatment is one operation and self bagging at rate of two and one-half bushels per minute.

Price, complete, \$20.00.



PULL EASY CULTIVATOR RAKE.

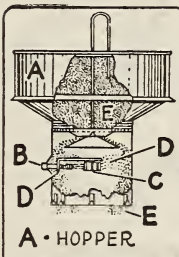
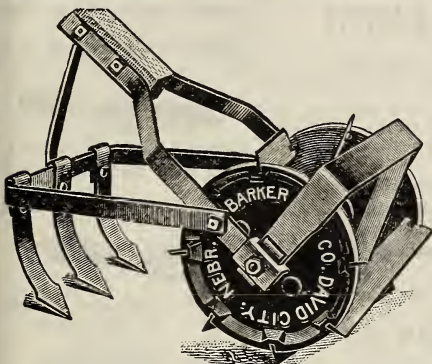
At full width of 18 inches better than an ordinary rake for preparing the seed bed, because of the long teeth. The middle tooth may be quickly removed for straddling plants and working two rows at once. 4½-foot handle. Price, \$1.25. Not available.

PULL EASY CULTIVATOR HOE.

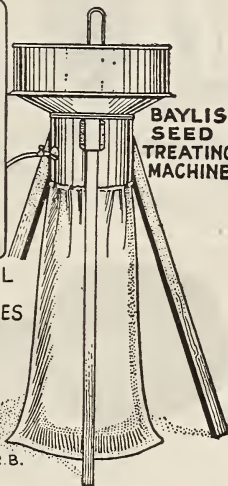
Combines the popular 5-prong style with the great PULL-EASY adjustable feature. Teeth are 9 inches long and very broad and strong.

Adjustable in width from 6 to 12 inches. Middle tooth removable.

Price, 4-foot handle, \$1.00. Not available.



B - SPRAY MATERIAL FEED.
FORCE OF B REVOLVES DISK C CAUSING SPRAY MIST D.
E - GRAIN.



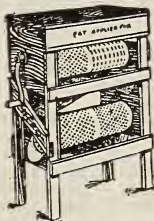
BAYLIS SEED TREATING MACHINE



S.T.R.B.

HERO CORN GRADER.

A Corn Grader that is a real grader. You cannot grade seed corn and do a good job with a fanning mill. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way. Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$14.00.

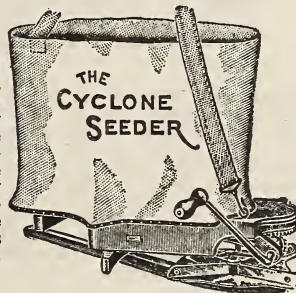


Corn Grader.

CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. Flow can be started or stopped instantly by touching a lever. No waste of seed. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even grain.

Price, \$2.00; by mail, \$2.25.



THE CYCLONE SEEDER

BARKER WEEDER, MULCHER AND CULTIVATOR —3 TOOLS IN ONE—

Makes Gardening Easy and Insures Best Yields. The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation.

No. 6D. 6-Inch Cut, for lettuce, \$9.25.

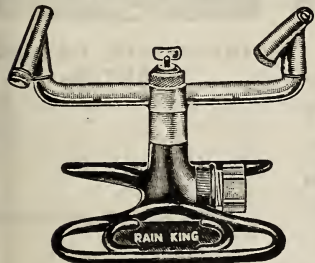
No. 8½D. 8½-Inch Cut, for onions \$10.60.

No. 10D. 10-Inch Cut, best for most crops, \$11.75.

No. 11D. 11-Inch Cut, for beets and rutabagas, \$12.60

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years.

Note—"Gardening for Profit and Pleasure," a beautiful illustrated book in colors, on weeding, mulching and cultivating, mailed free on request.



THE RAIN KING.

The Sprinkler Sensation of the Year.

May be used for circular or stationary spray, fine or coarse, fast or slow. Small, compact, easily operated. Nozzles turn in any direction. Never clogs up and stops, a common fault of other sprinklers. Made entirely of brass except the base. Wt., 3 lbs. Price, \$3.50; by mail, \$3.65.



"Norcross" Cultivator--Hoe and Weeder

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled.

The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil from one to five inches deep, as required.

Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout.

Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

THREE SIZES AND PRICES.

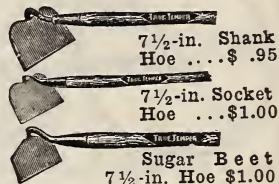
5-prong, 4 foot handle, wt. 3 lbs.\$1.00
3-prong, 4 foot handle, wt. 2 lbs. 75c.
"Midget," 9 inch handle, wt. 12 ounces 40c.
(Midget by mail, prepaid, 45 cents. Other sizes not mailable.)



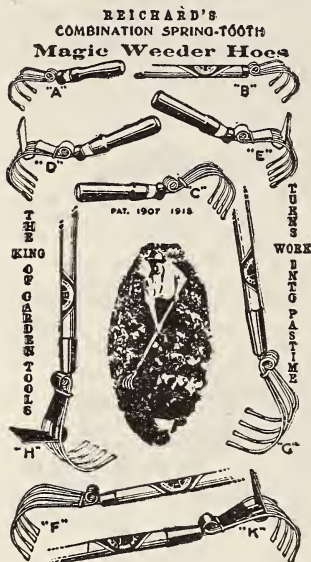
PRICES OF MAGIC WEEDER HOES.

Style	By Mail	By Exp.
A. 3-Tine Hand Weeder	20c.	15c.
B. 18-Inch Handle	30c.	25c.
C. 4-Tine, Adjustable Width	40c.	35c.
D. With 1½-Inch Blade	50c.	45c.
E. With "V" Blade	50c.	45c.
F. 4-Tine, 42-Inch Handle		75c.
G. 48-Inch Handle, Strong & Heavy		1.00
H. 48-Inch Handle, 3-Inch Blade		1.25
K. 48-Inch Handle with "V" Blade		1.25

(Long Handled Hoes not mailable.)



7½-in. Shank Hoe ...\$.95
7½-in. Socket Hoe ...\$1.00
Sugar Beet 7½-in. Hoe \$1.00
Spading Fork
Light\$1.50
Heavy\$1.65



Steel Bow, Garden Rake. 14-Tooth, \$1.15
Lawn Rake. 24-Tooth, 75c. Price, 20c; by mail, 25c.

Interstate Corn Dryers. Made in small sections, each section holding two ears.
Price: One Carton of 200 Sections (enough for 400 ears) \$4.00; 5 Cartons, \$19.00; 10 Cartons, \$37.50.
(Ask for Interstate circular for further description.)

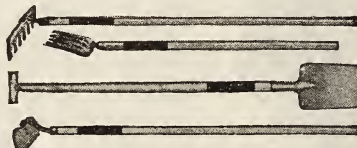


Steel Garden Trowel, Heavy, 15c each; by mail 20c.
Light, 10c each; by mail 15c.

HUMPHREY'S CONCAVE POTATO KNIFE.



Cuts to one eye with-out injuring. Pieces never stick together.
Price, 30c; 3 for 75c, postpaid.



4-PIECE GARDEN SET.

(For the boys and girls.)
Steel 5¼ inch Hoe, with 30 inch handle. Steel 5¼x3¾ inch Shovel, 26 inch handle. 7 tooth Rake, 30 inch handle. 4 tooth Fork, 18 inch handle.
Price, the set, 60c.

Transplanting Trowel. Heavy, 20c each; by mail 25c.
Light, 15c each; by mail 20c.

Garden Spading Fork. 20c each; by mail, 25c.

PAPER FLOWER POTS.

Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots, are easier to handle and less expensive.

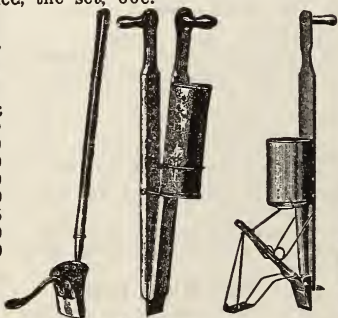


	By Mail.	By Exp. or Freight
25 100 25 100 1000		
2¼-inch	\$0.20	\$.55 \$.15 \$.45 \$3.90
2½-inch	.25	.65 .20 .55 4.50
3-inch	.30	.85 .25 .70 6.00
3½-inch	.35	1.10 .30 .90 7.80
4-inch	.45	1.25 .40 1.15 9.75
5-inch	.70	2.10 .55 1.80 15.00
6-inch	.90	2.85 .70 2.40 20.00

PAINTED POT AND GARDEN LABELS.

	By Mail.	By Express
25 100 25 100 1000		
Painted Labels 4x 5/8 inches	\$1.10	\$.30 \$.07 \$.25 \$1.55
Painted Labels 6x 5/8 inches	.15	.45 .12 .35 2.75
Painted Labels 8x 5/8 inches	.30	.95 .25 .80 7.00
Painted Labels 10x 5/8 inches	.25	.85 .20 .75 6.50
Painted Labels 10x 7/8 inches	.40	1.20 .30 1.00 9.00
Painted Labels 12x1 1/8 inches	.50	1.55 .40 1.30 12.00

(Tools and miscellaneous items are not mailable unless a mail price is quoted. Have these small things shipped with your seed order and the additional freight will be practically nothing.)



ACME POTATO PLANTER.

The original hand potato planter. Price \$1.10.

ACME CORN PLANTER

Simple, durable, accurate. Plain, \$1.10; with Pump-kin Seed Attachment, \$1.25.

ROTARY CORN PLANTER.

Works automatically. Use in one hand like a walking stick. \$2.15.



INVINCIBLE POTATO PLANTER.

Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade.

Price, \$1.35.
Extra Springs for Invincible, 20c each.

OLDS' COMMERCIAL FERTILIZERS

Fertilizers increase yields and profits wherever properly used. They carry plant food in available and concentrated form. They contain three plant foods—ammonia, phosphoric acid and potash. Some fertilizers contain all three of these; some have only two, while others contain but one plant food. This variation gives you a chance to select the fertilizer which will fit your conditions.

NITROGEN OR AMMONIA.

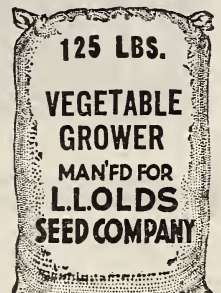
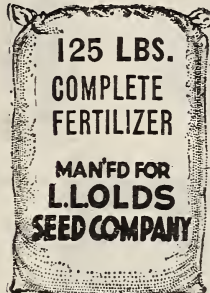
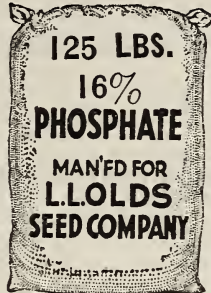
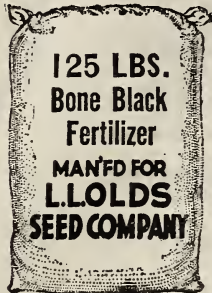
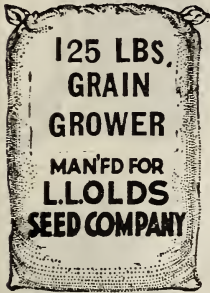
Fertilizer nitrogen enables the plant to get a quick start and carries it along through a critical period. It promotes leafiness, and gives a dark green color to foliage.

PHOSPHORIC ACID.

Phosphoric acid helps fill the grain or fruit and hastens ripening. Cereals are especially heavy feeders on this plant food. Most soils respond profitably to a fertilizer containing phosphoric acid.

POTASH.

Potash strengthens the straw or stalk, increases starch and sugar formation and makes for a better quality. Potatoes, root crops, and most truck crops use potash in large quantities.



GRAIN GROWER. (0-12-2) A fertilizer adapted to black soils rich in nitrogen. It encourages the growth of stiff straw and makes large, plump kernels and well filled heads. 125 lbs., \$1.80; 1,000 lbs., \$18.50; 2,000 lbs., \$26.00.
BONE BLACK FERTILIZER. (2-8-2) For lawns and grass lands. Mix thoroughly with the soil before seeding at the rate of twenty pounds to 1,000 square feet. As a top dressing on established sod use ten pounds per thousand square feet. 10 lbs., 30c; 25 lbs., 60c; 125 lbs., \$2.15; 1,000 lbs., \$15.50; 2,000 lbs., \$30.00.

16% PHOSPHATE. (0-16-0) For use in supplementing farm manure. Use 50 pounds to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$1.65; 1,000 lbs., \$12.00; 2,000 lbs., \$23.00.

COMPLETE FERTILIZER. (1-10-1) This is our biggest seller for corn and sugar beets. Increase your corn crop and hasten its maturity by using this brand. 125 lbs., \$1.85; 1,000 lbs., \$14.00; 2,000 lbs., \$27.00.

VEGETABLE GROWER. (2-8-5) A highly concentrated fertilizer for potatoes, truck and garden crops. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 10 lbs., 35c; 25 lbs., 75c; 125 lbs., \$2.50; 1,000 lbs., \$17.50; 2,000 lbs., \$34.00.

PEAT LAND SPECIAL. (0-10-10) For marsh lands rich in nitrogen but lacking potash. 125 lbs., \$2.25; 1,000 lbs., \$17.00; 2,000 lbs., \$33.00.

BONE MEAL. (1 1/4-29-0) For roses, shrubbery and trees. Also fine for lawns. Use 3 to 5 pounds per 100 square feet or for plants one pound to 50 pounds of soil. 10 lbs., 40c; 25 lbs., 90c; 125 lbs., \$3.50; 1,000 lbs., \$25.00.

NITRATE OF SODA. (18-0-0) Not a substitute for other manures but the cheapest form of applying nitrogen to plants. 200 lbs., \$7.75; 1,000 lbs., \$38.00; 2,000 lbs., \$75.00. (Put up in 200 pound sacks.)

(Our Fertilizers, except nitrate of soda, are put up in 125 pound sacks. The analysis figures refer to the percentage in each brand—first, of ammonia, second, of available phosphoric acid, third of potash. Prices in ton and half ton lots are subject to change. Write for prices when ready to buy.)

BEAUTIFUL ILLUSTRATED BULLETINS free for those interested. Ask for the ones wanted.

"How to Get a Crop of Corn." "How to Get a Crop of Clover." "How to Make Money with Fertilizers."

"How to Get a Crop of Wheat." "How to Get a Crop of Beans." "How to Get the Most out of Fertilizers."

"How to Get a Crop of Hay." "How to Get a Crop of Tomatoes." "How to Get the Most out of the Garden."

PULVERIZED SHEEP MANURE

A pure natural manure taking effect immediately. Very rich in nitrogen, phosphoric acid and potash, the three essentials. No straw or other refuse as in crude manure. Convenient to use and handle and very effective. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick and most satisfactory.

Prices: 1 lb., 15c; by mail, 20c; 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.50; 1,000 lbs., \$18.00; 2,000 lbs., \$35.00.

(Ask for folder "The Ideal Fertilizer," telling how to use sheep manure.)

SUPERIOR LIMESTONE.

For Lawns and Gardens.

Lawn soil even more than farm soil soon becomes exhausted of lime. Superior Limestone, specially prepared for the purpose, helps greatly in securing a rich, dark green, velvety lawn. It is equally valuable for gardens.

Use 100 pounds for every 600 square feet of lawn or garden. Directions for use in every sack.

50 lb. sack, \$1.00; 100 lb. sack, \$1.50; 500 lbs. at \$1.25.

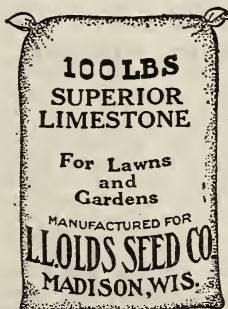
(Ask for illustrated folder giving further information.)

AGRICULTURAL LIME

Same as the above but not as finely ground.

Same as the above but not as finely ground.

100 lbs., 75c; 1,000 lbs., \$5.00; 2,000 lbs., \$9.00. Special prices in car lots, 10c each for empty sacks returned.



RED SNAPPER PLANT FOOD.

A wonderfully effective fertilizer for plants. Its effect can be noticed within a few days. Color of foliage becomes a darker green and flowers and blossoms take on a beauty of coloring. Is made from the head bones and nitrogenous cartilage of the Red Snapper fish, dried under intense heat, mixed with other organic plant foods. Sterilized, clean and sanitary, and

can be used in the finest homes and conservatories as well as outside. Prices: 10 ozs., 25c; by mail, 30c; 2 lbs., 50c; by mail, 60c; 5 lbs., \$1.00; by mail, \$1.25.

HOOVER'S PLANTLIFE. A very effective and much advertised plant food designed especially for house plants, but also valuable for gardens. Price, 25c; by mail, 30c.

STIM-U-PLANT

An All-The-Year Fertilizer for Garden and House Plants.

STIM-U-PLANT TABLETS are odorless, highly concentrated, with guaranteed analysis of 11% nitrogen, 12% phosphoric acid, 15% potash.

These tablets increase production, heighten color and improve quality. Easy to use. Simply insert tablet in soil near base of plant every 10 days, or four tablets in a gallon of water. Complete directions with every package.

Prices: 10 large tablets, 15c; 30 tablets, 25c; 100 tablets, 75c; 1,000 tablets, \$3.50, postpaid.

STERLINGWORTH PLANT TABLETS. Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 tablets, sufficient for 10 house plants 3 months, 10c; 100 tablets, regular size box, 25c; 250 tablets, 50c, postpaid.



Myers Barrel Spray Pump.

MYERS BARREL SPRAY PUMP.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market. The air chamber is 30 inches long, has a good leverage, easily operated.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$14.00.

(Price does not include barrel.)

BUCKET SPRAY PUMP.

Made of brass with ball valves with all the advantages of the ordinary barrel pump and bucket pump combined.

Price, Complete with hose and Bordeaux nozzle, \$4.25.

Bucket Spray.

HUDSON PERFECTION SPRAYER.

The sprayer with a tank made like a steam boiler.

For Spraying, Disinfecting or Whitewashing. Tank 7½ in. by 20 in., lock seamed with twenty-four rivets. Capacity 4 gallons. With automatic shut-off nozzles.

Price, Galvanized, \$6.50. Brass, \$10.00.

Perfection Double Row Attachment with 2 nozzles, \$2.00. (For spraying two rows potatoes at once.)

JUNIOR HUDSON SPRAYER.

Similar to the Hudson Perfection but smaller. Capacity, 2½ gallons. Price, galvanized, \$5.00.

AUTO-SPRAY NO. 1.

Tested and guaranteed to be satisfactory. Will handle all solutions including whitewash. Equipment, 2 feet of ½-inch hose, fine spray nozzle, solid stream cap, and either stop cock or automatic auto-pop, as ordered.

No. 1-A, Brass tank with Stop Cock.....	\$9.00
No. 1-B, Brass tank with Auto-Pop.....	9.50
No. 1-C, Galv. tank with Stop Cock.....	6.00
No. 1-D, Galv. tank with Auto-Pop.....	6.50
Brass Extension, 2 foot .....	.50
Galvanized Extension, 2 foot .....	.40

Two-Row Attachment, brass, with 1 nozzle, \$1.50.

LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap) 60 cents postpaid.

SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows and Porches.

Plants are kept healthy and fresh the year round by absorbing the exact amount of water they require from below and allowing a perfect circulation of air to pass up through the soil.

Model A, 23 inch Flower Box.....	\$3.00
Model B, 29 inch Flower Box.....	4.00
Model C, 35 inch Flower Box.....	4.50
Model D, 41 inch Flower Box.....	5.00

ADJUSTO PLANT SUPPORT.

Just the Thing for Tomato Plants.

An adjustable, practical and durable plant support. Consists of two parts: an oak stake pointed at the bottom and painted green and a hoop of toughest wire, also painted green to prevent rust. Can be adjusted to any height. Indispensable for Tomatoes, Dahlias, Potted Plants, etc.

With 18 in. stake, 12c each; doz. \$1.00

With 2 ft. stake, 15c each; doz. 1.25

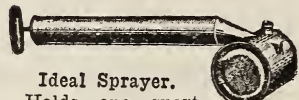
With 3 ft. stake, 20c each; doz. 1.75

With 4 ft. stake, 23c ea.; doz. 2.00

With 5 ft. stake, 25c ea.; doz. 2.25



Auto Spray, No. 1.



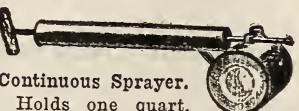
Ideal Sprayer.
Holds one quart.
Price, 50c; by mail, 60c.



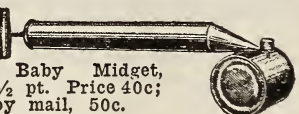
Perfection.
One Quart.
Price, 50c; by mail, 60c.



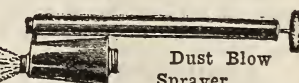
Glass Tank Sprayer.
With Quart Mason fruit jar, 80c. (Not mailable.)



Continuous Sprayer.
Holds one quart.
Price, 80c; by mail, 90c.



Baby Midget,
½ pt. Price 40c;
by mail, 50c.



Dust Blow
Sprayer.
For applying poison and disinfectants in powder form.
Price, 80c; by mail, 90c.



New Easy Sprayer.
A large hand sprayer holding one gallon. One filling will spray 550 potato hills.

Galvanized, \$4.00.



Lenox Sprayer.



STANDARD SPRAY PUMP.

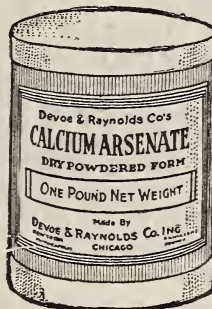
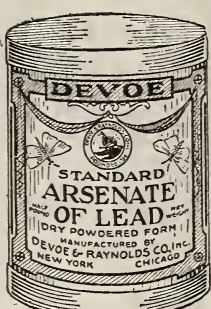
A One-Man, One Hundred Purpose Pump. Simply a very carefully designed and accurately made "squirt gun," with a proper outfit of nozzles. Can be used with a bucket, barrel or knapsack. Ideal for spraying insecticides and disinfectants, for whitewashing, for fire protection, for washing windows, washing autos, etc.

Price, with 3½-foot Hose and Nozzles but without knapsack, \$5.00.

Knapsack, for Potato Spraying, five gallon, \$3.50.

Potato Extension Attachment, 85c.

INSECTICIDES AND FUNGICIDES



PURE PARIS GREEN.

A strong effective poison for potato bugs, tobacco and other leaf eating insects. Prices: $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c; 2 lbs., \$1. 05; 5 lbs., \$2.50; 14, 28 and 56 lb. pails (subject to change) at 45c per pound. Not available.

ARSENATE OF LEAD POWDERED. For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green. Prices: $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$7.75; 50 lbs., \$15.25; 100 lbs., \$30.00.

DRY CALCIUM ARSENATE. Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and is still more effective. Sticks to the leaves. One application lasts a long time. Prices: $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$1.85; 10 lbs., \$3.35; 25 lbs., \$7.25; 50 lbs., \$14.25; 100 lbs., \$28.00.

"SURE NOXEM." For use on cabbage, cauliflower, cucumbers, melons, tomatoes, currants, gooseberries and all other vegetables and shrubs. Kills insects of all kinds. Pound carton (sifter top) 20c.

DRY BORDEAUX MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed. Prices: Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.50; 50 lbs., \$11.50; 100 lbs., \$21.50. Not available.

LIME SULPHUR. Best of all sprays for fruit trees. Prices: Qt., 45c; gal., \$1.00; 5 gals., \$4.00.

DRY LIME SULPHUR. Just as effective as the solution and more easily handled. 1 lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$15.00.

ARSENITE ZING POWDERED. For killing potato bugs. Prices: 25 lbs., \$7.00; 50 lbs., \$13.50.

FORMALDEHYDE. For preventing smut in grain and scab in potatoes, etc. Ask for 32-page bulletin. Price, per pint, in sealed bottles, 40c. One pint will treat 40 bushels. Not available.

CUT WORM KILLER. 1 lb. box (sufficient for 175 plants), 30c.

NOTICE. All of the above are poisons and are not available. We have separate free booklets on nearly all.

SLUG SHOT.

A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Also strongly impregnated with fungicides. Cheapest and most effective remedy.

Prices: 1 lb. tin canister with perforated top, 35c; by mail, 45c; 1 lb. carton with perforated top, 20c; 5 lbs., 65c; 10 lbs., \$1.15; 25 lbs., \$2.65; 125 lb. keg with duster \$13.00; 250 lb. barrel with duster \$24.00. Not available, except in pound canisters.



BLACK LEAF 40

A powerful and effective liquid insecticide, for use against aphids, thrips, leafhoppers and other soft bodied sucking insects. Recommended by Experiment Stations and Entomologists.

Prices: 1 oz., 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.50. Not available.

SULPHO-TOBACCO SOAP.

For the destruction of all bugs and insects. 3-oz. Cake (makes $1\frac{1}{2}$ gals. solution), 10c; by mail, 15c; 8-oz. Cake, 20c; by mail, 25c.

"SU-PER-FYNE" TOBACCO DUST.

Very finely pulverized. For aphids, fleas, beetles, etc. Contains 1% nicotine or over. Prepared by the manufacturers of Black Leaf 40. 1 lb. carton, 20c; by mail, 30c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$6.50.

ENOZ MOTH LIQUID. Needed in every household in the country. Completely rids the premises of moths. Prices: Pint, \$1.00; qt., \$1.75. Not available. Enoz Improved Moth Sprayer, \$1.00.

SPRAY-TABS

BORDEAUX-ARSENATE TABLETS

SPRAY TABS. A combined insecticide and fungicide in tablet form. Designed especially for roses, flowers and shrubs. 30 Tablets, 30c. Not available.



BUG DEATH.

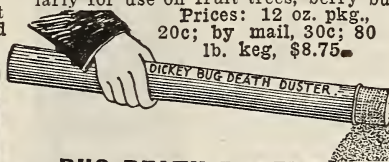
An Insecticide Free from Paris Green and Arsenic.

Does not burn the leaves, however freely applied. May be applied wet or dry. It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. Does not injure the foliage, but keeps it green and healthy.

Prices: 1 lb. carton with perforated top, 20c; by mail 30c; 3 lbs., 40c; 5 lbs., 60c; 12 $\frac{1}{2}$ lbs., \$1.40; 100 lbs., \$8.75. Not available except in pound cartons.

BUG DEATH APHIS. For sucking insects. Particularly for use on fruit trees, berry bushes, and house plants.

Prices: 12 oz. pkg., 20c; by mail, 30c; 80 lb. keg, \$8.75.



BUG DEATH DUSTER. Price, 50c. By mail, 60c.

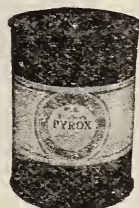
BUG DEATH SIFTER. For applying Bug Death and Slug Shot dry. Price, 75c; by mail 85c.

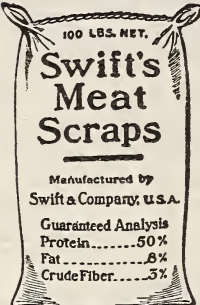
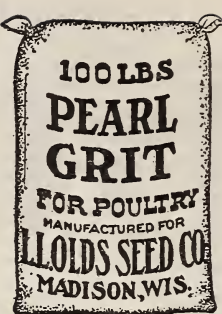
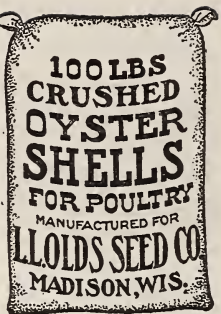
THRIP JUICE. Effective against aphids, mealy bug, scale, thrip, codlin moth, etc. Pint, 75c; qt. \$1.10; gal., \$3.25. Not available.

Pyrox

A Combined Fungicide and Insecticide.

PYROX is a powerful fungicide, controlling fungous diseases, even some serious ones that other fungicides do not control. Also a strong poison insecticide, killing chewing insects, even those which are hard to kill, like the hard-shelled potato beetle. It is easy to use; simply mix with cold water and spray. Ask for a copy of the new Pyrox Spray Guide, which tells how, when and what to spray. Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00. Not available.





OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, sunflower, barley and buckwheat. Duly analyzed and licensed, and every sack guaranteed.

Prices: 10-pound sack, 25c; 100-pound sack, \$2.30; 3 sacks at \$2.20. Special prices in quantity. (With sprinkling of grit 5c per 100 pounds less).

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc.

Prices: 10-pound sack, 30c; 100-pound sack, \$2.45; 3 sacks at \$2.35. (Prices on poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

OYSTER SHELLS. 100-lb. sack, \$1.30; 3 sacks at \$1.25.
CLAM SHELLS. 100-lb. sack, \$1.10; 3 sacks at \$1.05.
MICO SPAR GRIT. 100-lb. sack, \$1.25; 3 sacks at \$1.20.
PEARL GRIT. 100-lb. sack, \$1.00; 3 sacks at 95c.

(We have shells and grit in two sizes, poultry and chick.)

SWIFT'S MEAT SCRAPS.

The finest thing to make hens lay in winter. Feed 3 times a week one ounce to each fowl.

Prices: 10 lbs., 70c; 25 lbs., \$1.50; 50 lbs., \$2.90; 100-pound sack, \$5.50; 3 sacks at \$5.40.

PRATT'S BABY CHICKFOOD

For the first three weeks. Prices: 2½ lbs., 25c; by mail, 40c; 5½ lbs., 50c; 14 lbs., \$1.00; 25 lbs., \$1.50; 100 lbs., \$5.35.

SWIFT'S POULTRY BONE.

Prices: 25 lbs., \$1.20; 50 lbs., \$2.25; 100 lbs., \$4.10.

Sizes, medium, fine and meal.

MEAT MEAL. (Tankage). 10 lbs., 50c; 100 lb. sack, \$3.75; 3 sacks at \$3.65.

ALFALFA MEAL.

The ideal food for mashers.

100-pound sack, \$2.75.

GROUND CHARCOAL.

50-lb. sack (two sizes) poultry and chick), \$1.60; 100 lbs., \$3.00.

POULTRY GRAIN.

(Prices include sacks but are subject to change. Write for Weekly Price List.)

Per 100 lbs.
 Feed Wheat \$2.75
 Cracked Wheat 2.90
 Cracked Corn, coarse .. 1.95
 Cracked Corn, fine 2.05
 Sunflower 9.00
 Feed Millet 2.75
 Hulled Oats 4.00
 Peas for Pigeons 5.50



CONKEY'S BUTTERMILK STARTING FEED.

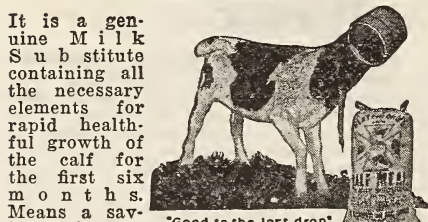
A famous chick feed for the first 8 weeks. It gives the chicks buttermilk in concentrated form, in exactly the amount needed. With the buttermilk is a combination of grains, in just the right proportion. It is all the chicks need the first 8 weeks except greens.

grit, clean water and Old Gold Chick Food in the litter to induce exercise.

Prices: 2½ lbs., 25c; by mail, 40c; 5 lbs., 45c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.35.

BLATCHFORD'S CALF MEAL.

Saves Milk—Saves Money—Makes Better Calves.



It is a genuine Milk Substitute containing all the necessary elements for rapid healthful growth of the calf for the first six months. Means a saving of one-fourth to one-half over milk.

100 pounds make 100 gallons of complete milk substitute.

Prices: 25 lbs., \$1.50; 50 lbs., \$2.70; 100 lbs., \$5.00; 300 lbs. at \$4.90.

CONKEY'S BUTTERMILK GROWING MASH.



For developing pullets and broilers. It is not enough to start a chick right — it is equally essential to help it to maturity if you want to make money. Money-making pullets and fancy broilers cannot be produced with wrongly proportioned food. Butter milk Growing Mash

is the ideal feed after the eighth week. Prices: 10 lbs., 60c; 25 lbs., \$1.30; 100 lbs., \$4.50.

BLATCHFORD'S "FILL THE BASKET" EGG MASH.



TRADE-MARK

the hens in prime condition. Prices: 25 lbs., \$1.15; 100 lbs., \$3.90; 300 lbs. at \$3.80.

CONKEY'S BUTTERMILK LAYING MASH.

A real egg-producing food. With its buttermilk content it provides a perfectly proportioned combination when fed in connection with greens and any good scratch feed such as Olds' Old Gold Poultry Food. To produce eggs in abundance the flock must have exactly the right rations.

Prices: 10 lbs., 55c; 25 lbs., \$1.20; 100 lbs., \$4.25.

DON SUNG.

(Chinese for Egg Laying). Makes Hens Lay. Acts directly on the egg-laying organs and is beneficial in every way.

Trial Size (enough for 15 hens one month), 50c, post-paid; Dollar Size (3 times 50 cent size), \$1.00, post-paid.



BLATCHFORD'S CHICK MASH.



2½ lbs. at 8 weeks!

At meat mash—a starting as well as growing feed.

Prices: 4 lbs., 40c; 25 lbs., \$1.45; 100 lbs., \$4.85; 300 lbs., at \$4.75.

Sixteen essential ingredients in this high-grade growing mash. Makes rapid growth, shields chicks from White Diarrhea, bowel trouble and leg weakness. It is primarily a milk and meat mash—a starting as well as growing feed.

CONKEY'S REMEDIES.



Roup Remedy. A well-known and reliable remedy. 25c, 50c and \$1.00, postpaid.

Roup Pills. For Roup, Colds, Catarrh, etc. 30c, postpaid.

Canker and Bronchitis Remedy. 50c, postpaid.

Gape Remedy. Cures and prevents; 25c. Postpaid, 30c.

Limber Neck Remedy. 50c. Postpaid, 55c.

Scaly Leg Remedy. 25c, postpaid.

White Diarrhoea Remedy. 25c and 50c, postpaid.

Head Lice Ointment. 10c and 25c, postpaid.

Poultry Worm Remedy. 25c, postpaid.

Cholera Remedy. 25c and 50c, postpaid.

Lice Liquid. Qt., 60c; 2 qts., 90c; gal., \$1.50.



Lice Powder. 5 oz., 10c; by mail, 15c; 15 oz. 25c; by mail, 30c; 48 oz., 50c; by mail, 75c; 12 lb. pail, \$1.40; 25 lb. pail, \$2.75.

Poultry Tonic. 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 70c; 12 lbs., \$1.60; 25 lbs., \$3.00.

Noxicide. A wonderful disinfectant and germicide. Pt., 45c; qt., 70c; 2 qts., \$1.15; gallon, \$1.80. Not mailable.

Nox. Similar to Noxicide but in condensed dry form. One cube makes a gallon. 6 cubes, 25c; by mail, 30c; 15 cubes, 60c; by mail, 70c; 30 cubes, \$1.00; by mail, \$1.15.

Poultry Book. Filled with the best kind of information. Price, 50c, or free on request with orders amounting to \$1.00.

Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal. \$1.50; 5 gals., \$7.25. Not mailable.

SPIRAL LEG BANDS.

(Celluloid). Most popular style of leg band. Assorted colors, light blue, dark blue, red, pink and yellow. Three sizes, Asiatic, American and Leghorn, 12, 18c; 25, 30c; 100, 85c. Postpaid.



COLOR VICTOR. Made of aluminum, celluloid numbers; colors—red, blue, yellow, green and white. 12 for 50c; 25 for \$1.00; 100 for \$3.50, postpaid.

Double Clinch Leg Bands; 12 for 18c; 25 for 30c; 100, 80c, postpaid.

Eclipse Leg Bands. Same prices as Double Clinch. **Smith Sealed Leg Bands:** 12 for 35c; 25 for 60c; 100 for \$1.75. Sealers, for Smith Sealed, 60c.

Leader Adjustable Leg Bands. 12 for 18c; 25 for 30c; 100 for 80c.



PRATT'S REMEDIES



PRATT'S POULTRY REGULATOR.

Insures quick growth and freedom from disease. 25 lbs., \$3.00; 12 lbs., \$1.40; 9 lbs., \$1.10; packages, 50c and 25c; 65c and 35c, postpaid.

Pratt's Roup Remedy, 25c and 50c, postpaid.

White Diarrhoea Remedy, 25c and 50c, postpaid.

Poultry Disinfectant. Kills disease germs. Qt., 55c; 2 qts., 95c; gal., \$1.60. Not mailable.

Red Mite Special. A new preparation for killing red mites. Qt., 50c; 2 qts., 90c. Not mailable.

Powdered Lice Killer. 5 ozs., 12c; by mail 17c; lb., 25c; by mail 30c; 2½ lbs., 50c; by mail 60c.

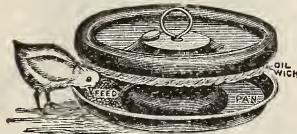
Lee's Germozone. A famous remedy for roup, the most common of all poultry diseases. 75c. Not mailable.

Lee's Germozone Tablets, 65c, postpaid.

Zenoleum. A popular cure for poultry and stock. 8 ozs., 35c; pt., 50c; qt., 75c; 2 qts., \$1.25; gal., \$2.00.

Carbolineum. Used for preserving wood, killing chicken mites and keeping flies from horses and cattle. Ready for use. Gallon can, \$1.50; 5 gals., \$6.50.

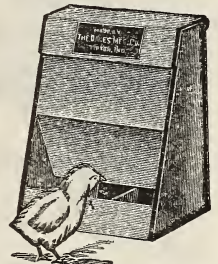
Revenge Lice Destroyer. A new lice killer, wonderfully effective. 1½ lb. size, 65c; 3 lb. size, \$1.00. Unmailable.



AUTOMATIC CHICK GREASER. Every chick his own doctor. As he eats out of the pan his head is thoroughly greased. Price, \$1.00, by mail, \$1.15.



Pettey Poultry Punch: 25c, postpaid.



GRIT AND SHELL BOX.

For grit, shells and charcoal. Made of steel, 3 compartments. Chick size, 75c; Poultry size, \$1.10.

RAT BIS-KIT PASTE.

RAT CORN

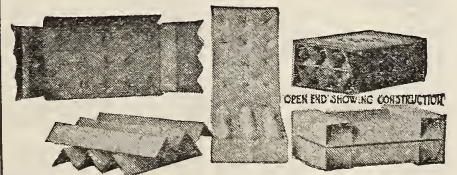


RAT CORN kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.



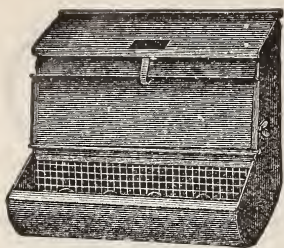
"Just press the tube, the poison spreads itself." For rats, mice, roaches and water bugs. Large tube, 25c. Not mailable.

DIAMOND PARCEL POST EGG CARRIERS.



Ship eggs without breaking. Safe delivery by parcel post absolutely assured.

	BY MAIL		BY EXPRESS	
	Each	Each	Doz.	100
1 doz. size ...	\$.45	\$.35	\$3.60	\$27.20
2 doz. size ...	.60	.50	5.25	39.40
3 doz. size ...	.75	.60	6.80	51.25
4 doz. size ...	.95	.80	8.75	65.65



Improved Handy

AUTOMATIC CHICK FOUNTAIN. Made to fit fruit jar. Price, 15c each; by mail, 20c. (Price does not include jar.)

PORCELAIN NEST EGGS. Made of flint glass. 5c each; dozen 35c; by mail, 50c.

NAPHTHALENE NEST EGGS. 10c each; dozen 75c; by mail, 90c.

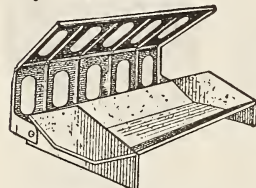
Eyrie Shipping Coops. Single Bird, 40c. Pair, 65c. Trio, 80c.



McCandlish.



Dry Mash Feeder.



10 Inch Chick Trough.

IMPROVED HANDY HOPPER.

Provided with a hinged lid over both hopper and trough, making it rat and mouse proof as well as dirt proof. Has swinging front adjustable to suit any kind of dry mash.

No. 1 (12 inches) \$1.75
No. 2 (18 inches) 2.25
No. 3 (24 inches) 2.50
No. 4 (36 inches) 3.75

Bar Nun Hopper. Made by the Blatchford Calf Meal Co. Holds 8 quarts, \$2.75.



Chick Fountain.

McCANDLISH CHICK FEEDER.

Also used for drinking. Made entirely of galvanized iron. Safe—Sanitary—Saving. Made in three lengths. 12 inch, 40c; by mail, 50c; 20 inch, 50c; by mail, 60c; 30 inch, 75c; by mail, 85c.

CYMACO DRY MASH FEEDER. Practical for all kinds of dry feed. Made of steel, weather proof, adjustable and will feed from both sides. 12 inch, capacity $\frac{1}{2}$ bu., \$2.25. 24 inch, capacity 1 bu., \$3.25.



SELF-LOCKING EGG CARTONS. 12, 25c; by mail, 30c; 100, \$1.75; 1,000, \$15.00.

CYMACO CHICK TROUGH

For dry mash, grain or grit and also for water. Galvanized metal with hinged cover.

10 inch, 35c; by mail, 40c.
20 inch, 50c; by mail, 55c.

L A W N PARK COOP.

A handsome parking coop that will telescope. Made of galvanized metal throughout.

Sanitary, affording proper ventilation and also absolute protection against rats and other chick enemies.

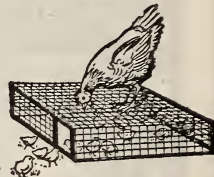
Price, reduced, \$3.60.
Special prices in quantity.

"BABIE CHICK" FEEDER

Conserves feed. Protects and accommodates 40 to 50 chicks.



Price, \$1.50.
By mail, \$1.75.

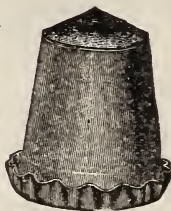


IMPROVED DROP BOTTOM FOUNT.

Combines the good qualities of the three fountains—Economy, Flat Back and Drop Bottom. Can be thoroughly cleaned and kept in sanitary condition. 2 qt. size, \$1.00; 1 gal. size, \$1.25; 2 gal. size, \$1.50.

T W O P I E C E DRINKING FOUNTAIN.

This fountain consists of a cone-shaped bucket and a stamped pan which forms the base and the trough from which the fowls drink. The cone-shaped bucket prevents fowls from roosting on it. Galvanized. Qt., 30c; 2 qt. 45c; 3 qt., 60c.



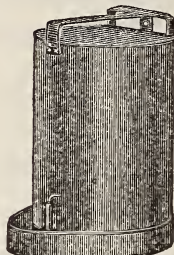
NORWICH AUTOMATIC AIR-LOCK FOUNTAIN.

Most perfect device for automatically supplying pure fresh water at all seasons of the year. Impossible to contaminate the water. Guaranteed frost proof at 10 degrees below zero.

Price, complete \$6.00.

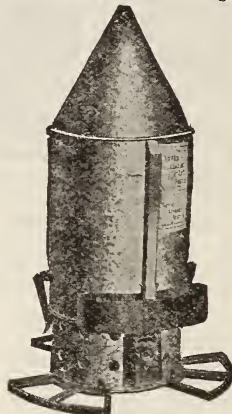
COLUMBUS FREEZELESS FOUNTAIN.

A new style. Built like a fireless cooker. 2 gal. size, \$3.25; 3 gal. size, \$3.75.



Improved Drop Bottom.

et or can, and a stamped pan which forms the base and the trough from which the fowls drink.



Air-Lock Fountain.

APACO POULTRY FEEDER.

An automatic feeder of the hanging type. Capacity 12 qts. Price, \$1.50.

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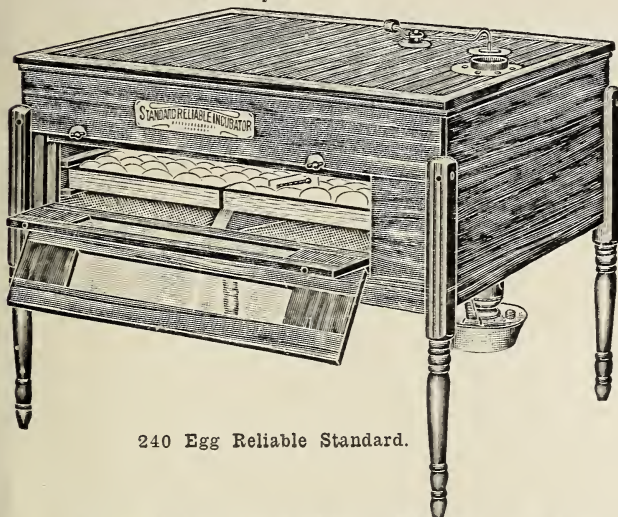
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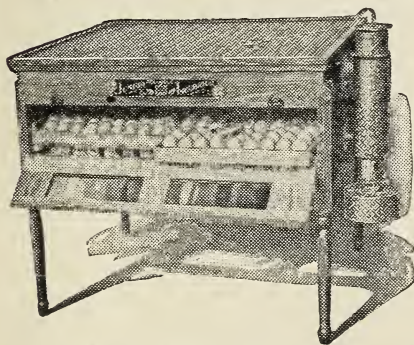


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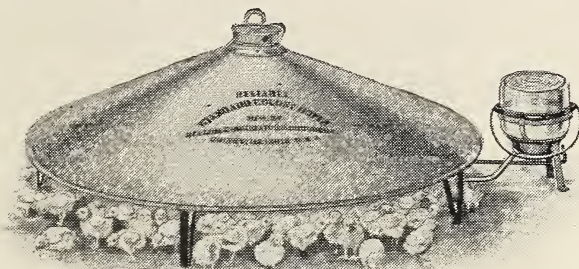
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